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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
WASHINGTON, D. C.

HYDROLOGIC STUDIES
at the
SOUTH FORK PALOUSE RIVER DEMONSTRATION PROJECT
SCS-Wash-1
PULLMAN, WASHINGTON

Compilation of
Rainfall, Run-off, and Soil Loss from the
South Fork Palouse River,
Fourmile Creek and Missouri Flat Creek
1934-40

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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Washington, D. C.
H. H. Bennett, Chief

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Fourmile Creek and Missouri Flat Creek
1934-40

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Revised Foreword

The hydrologic and land use data included in this report are those collected at the Fourmile Creek, Missouri Flat Creek, and South Fork Palouse River watersheds during the period 1934-40. No attempt has been made to interpret or analyze these data, the purpose of the report being merely to present all available data in a manner that will lend itself to subsequent interpretation and analysis.

It was felt the withholding of hydrologic data pending analysis would not be justified, in view of the fact that these data might well be of immediate value to other agencies or individuals. Although one of the principal objectives of this project was to determine the effect of conservation work in the South Fork Palouse River Demonstration Project on soil and water losses; nevertheless, the data collected furnishes valuable information regarding the rainfall and surface run-off that may be expected from similar areas and should prove to be of considerable value to such agencies as the Army Engineers and the Department of Agriculture in connection with flood control studies, and by State and Federal highway engineers in the design of culverts and bridges.

Foreword¹

The hydrologic and land use data included in this report are those collected at the Fourmile Creek, Missouri Flat Creek, and South Fork Palouse River watersheds during the period 1934-40. No attempt has been made to interpret or analyze these data, the purpose of the report being merely to present all available data in a manner that will lend itself to subsequent interpretation and analysis.

I - History of the Project

Hydrologic studies were started at the South Fork Palouse River Demonstration Project in January 1934 when the Public Works Administration made an allocation of funds to the U. S. Geological Survey primarily for the establishment and operation of stream flow measuring stations and for obtaining records of movement of suspended matter at eight erosion control projects as Federal Project No. 180.

After the transfer of the Soil Erosion Service from the Department of Interior to the Soil Conservation Service, Department of Agriculture, April 1935, these studies were continued, until their termination June 30, 1940, as a cooperative project of the U. S. Geological Survey, Soil Conservation Service and the State Experiment Stations of Washington and Idaho.

These studies were conducted for the purpose of investigating the relationships among rainfall, run-off and soil losses on watersheds lying within the South Fork Palouse River Demonstration area and progressively subjected to the improved land use and conservation practices of the Soil Conservation Service and on adjacent watersheds lying outside of the demonstration area and permitted to continue under prevailing agricultural use and management.

Stream flow and silt sampling stations were originally established within the demonstration area on Missouri Flat Creek, Paradise Creek, Dry Fork of South Fork of Palouse River and on South Fork Palouse River above Paradise Creek and at Pullman. Outside of the demonstration area a similar station was established on Fourmile Creek. Measurements of silt loads on Paradise Creek, South Fork of Palouse River at Pullman, and Dry Fork of South Fork of Palouse River were discontinued in June 1938, either because it was found that the natural stream flow and suspended load were affected by artificial conditions or because the drainage areas were found to be incomparable with the Fourmile Creek check area. With the exception of precipitation records, the data presented in this report are limited, therefore, to those obtained from Fourmile Creek, Missouri Flat Creek and South Fork Palouse River above Paradise Creek watersheds.

Acknowledgment is made to G. L. Parker and F. M. Veatch, district engineers and J. P. Bonner, resident engineer, U. S. Geological Survey, Tacoma, Washington, under whose direction the collection of the hydrologic data was made and to W. A. Rockie, Jay W. Phadum, Frederick A. Mark, and Leo L. Anderson, project supervisors, Soil Conservation Service, whose project personnel assisted in this work. Acknowledgement is also made to the late Glenn W. Holmes, Associate Hydraulic Engineer, Hydrologic Division, Soil Conservation Service, for his technical supervision of the project.

II - Physical Characteristics of the Watersheds

The South Fork Palouse River Demonstration Project is located in the States of Washington (Whitman County) and Idaho (Latah County) within the upper portion of the South Palouse River Basin. The greater part of the watershed consists of an irregular plateau with rolling topography averaging about 2,700 feet in elevation. ¹See revised foreword accompanying this report.

tion. Nearly 90 percent of the area is in cultivation, wheat and peas being the principal crops.

The South Fork Palouse River rises in the western end of the Thatuna Mountain Range, known locally as the Moscow Mountains, about 7 miles northeast of Moscow, Idaho. It flows southwest for about 12 miles to a point about .2 miles west of the Idaho-Washington State line, and then northwest for about 20 miles to Colfax, Whitman County, Washington, where it empties into the Palouse River.

All other streams on the project are tributary to the South Fork Palouse River. Paradise Creek and Missouri Flat Creek both rise in the western part of the Thatuna Mountains and flow southwest to join the South Fork Palouse River within about a mile of each other at Pullman. Dry Fork of South Fork of Palouse River drains a very small area to the south of Pullman. It flows almost directly north and empties into the South Fork Palouse River at Pullman. Fourmile Creek drains an area adjacent to and north of Missouri Flat Creek drainage basin. It flows west and empties into the South Fork Palouse River at Shawnee, Whitman County, about 6 or 7 miles northwest of Pullman.

The Fourmile Creek watershed was selected as a check area because of its proximity and similarity in physical characteristics to the watersheds within the demonstration area. Conservation surveys were completed for South Fork Palouse River and Missouri Flat Creek watersheds in December 1939, and a similar survey was completed for the Fourmile Creek watershed in April 1940. These surveys provide data from which a reliable comparison can be made of such factors as soil type, slope, degree of erosion, and land use. The first six tabulations of the surveys are included as Appendix A in this report.

III - Soil Conservation Practices

The work of the Division of Farm Planning and Management, Soil Conservation Service, in a demonstration project, consists mainly in the development of farm plans embodying approved soil conservation practices for the various farms within the project. These farm plans are then made a part of cooperative agreements between the farmer and the Soil Conservation Service in which the farmer agrees to operate his farm in accordance with the approved farm plan in return for various assistance on the part of the Soil Conservation Service. In order that the resulting progressive increase in soil conserving practices in the Missouri Flat Creek and South Fork Palouse River watersheds could be coordinated with the hydrologic data, tabulations for each crop year were prepared showing the kind and extent of these practices as applied to the farms within the watersheds. Similar tabulations were prepared for the Fourmile Creek watershed for the crop years 1934-38. These tabulations together with explanatory notes are included as Appendix B in this report.

IV - Instrumentation

A - Precipitation Stations

Station No. 115 was equipped with a Tipping Bucket Recording Rain Gage. All other recording stations were equipped with either a Fergusson Weighing and Recording Rain and Snow Gage, using a 9-inch, weekly, 12 hour, or 24 hour chart; or a Friez Reconnaissance Recording Rain and Snow Gage, using a 3-inch, 24-hour chart. All recording gages, with the exception of those located at the State colleges of Washington and Idaho, were serviced by Soil Conservation Service or U. S.

Geological Survey employees. Gages located at the colleges were serviced by the college students.

All standard gages used on the project were Standard Weather Bureau type and were read by cooperative observers. Except as specified in tabulations of daily precipitation, all standard gages were read daily at 8:00 A.M.

Snow measurements were started during the winter of 1936 when depths and water content were measured weekly by taking one core at each of several representative points throughout the area. During the winter of 1937 regular snow courses were laid out, each course being from 1/2 to 1 mile in length. At least 30 depth measurements and from 4 to 5 density measurements were made at each course and the average of these measurements were used to determine the equivalent water content.

A key map showing the location of all precipitation stations; the rain gage history for each gage showing the location, gage type, observer, date of installation and records available; tabulations of daily precipitation from all gages (October 1934 - June 1940); tabulations of hourly precipitation from recording gages (October 1934 - June 1940); and snow survey tabulations (1936 to 1940) are included in this report.

B - Stream-Gaging Stations¹

Stream flow measurements for this project were made at the following stations:

South Fork Palouse River above Paradise Creek near Pullman, Washington

This station measured the run-off from 81.1 square miles and was located in Whitman County, 1 mile above Paradise Creek and 2 miles southeast of Pullman in the SE 1/4 sec. 8, T. 14 N., R. 45 E. The station was established May 1934 and records for the period May 1934 to June 1940 are included in this report.

Missouri Flat Creek at Pullman, Washington

This station measured the run-off from 27.5 square miles and was located in Whitman County at State Street in Pullman, 600 feet above the mouth of the creek in the NE 1/4 sec. 6, T. 14 N., R. 45 E. Station was established in February 1934 and records for the period April 1934 to June 1940 are included in this report.

Fourmile Creek at Shawnee, Washington

This station measured the run-off from 71.9 square miles and was located

¹Records from stream-gaging stations on this project may be found in the following Water Supply Papers of the U. S. Geological Survey.

Year ending September 30,	1934	-	WSP-768
"	"	"	" 1935 - WSP-793
"	"	"	" 1936 - WSP-813
"	"	"	" 1937 - WSP-833
"	"	"	" 1938 - WSP-863
"	"	"	" 1939 - WSP-883
"	"	"	" 1940 - WSP-903 (in process of publication)

in Whitman County, $3/4$ of a mile north of Shawnee and $1/2$ mile above the mouth of the creek in the SW $1/4$ NE $1/4$ sec. 33, T. 16 N., R. 44 E. This station was established March 1934 and records for the period April 1934 to June 1940 are included in this report.

South Fork Palouse River at Pullman, Washington

This station was established February 1934. It measured the run-off from 132 square miles and was located in Whitman County at State Street in Pullman, 600 feet above Missouri Flat Creek in the NE $1/4$, sec. 6, T. 14 N., R. 45 E. Measurements of silt loads were discontinued in June 1938 because it was found that the natural stream flow was affected by the discharge from the City of Moscow's sewage system and the records are not included in this report.

Paradise Creek near Pullman, Washington

This station was established April 1934. It measured the run-off from 37.0 square miles and was located in Whitman County, 1 mile southeast of Pullman, 2,500 feet above the mouth of the creek in the SW $1/4$ sec. 4, T. 14 N., R. 45 E. Measurements of silt loads were discontinued in June 1938 because it was found that the natural stream flow was affected by the discharge from the City of Moscow's sewage system and the records are not included in this report.

Dry Fork of South Fork of Palouse River at Pullman, Washington

This station was established December 1934. It measured the run-off from 7.6 square miles and was located in Whitman County near the city limits of Pullman in the NE $1/4$ SE $1/4$ sec. 6, T. 14 N., R. 45 E. Measurements of silt loads were discontinued in June 1938 because a small drainage area of 7.6 square miles was not considered to be comparable with either the check area or with the other watersheds within the demonstration area. The records are not included in this report.

All stream-gaging stations were equipped with continuous automatic stage recorders and artificial low water controls. The low water controls consisted of modified Parshall Flumes with weir inserts that allowed insertion or removal of different sizes of weirs depending on the quantity of flow. For major rises, the low water control weirs were removed. Stage-discharge relations at all stations were determined by current-meter measurements.

Because of the changes in the stage-discharge relation resulting from alternate scouring and filling of the channel, particularly during major rises, it was found necessary to make several stream flow measurements per day for every stream rise.

Records from South Fork Palouse River above Paradise Creek, Fourmile Creek and Missouri Flat Creek stations, consisting of tabulations of mean daily rates of flow and comparative hydrographs of stream flow for representative storms, together with a key map showing the locations of all stream-gaging stations, are included in this report.

V - Suspended Matter in Streams

Measurements of suspended matter in Missouri Flat Creek and Fourmile Creek were started April 1934 and similar measurements in South Fork Palouse River above Paradise Creek were started May 1934.

These measurements were made at the stream-gaging stations, using a bottle sampler with which integrated samples were obtained. Samples were obtained at the quarter points of the stream cross section during rapidly changing stages and at the center of the stream during low stages. When three samples were collected in the cross section, the average concentration of suspended matter in the three samples was taken to represent the average silt content of the stream at the time the samples were taken. The departure of the concentration of any one sample from the average of the three was found to be usually less than 10 percent.

Samples were collected frequently during floods, hourly during rapidly changing stages and every two or three hours during moderate changes in stage.

Tabulations showing the suspended matter in tons per day carried past the gaging stations of the three streams are included in this report.



Plate I. Stream-gaging station on South Fork Palouse River above Paradise Creek near Pullman, Wash.-1935. View of low dam, Parshall flume and removable weir.

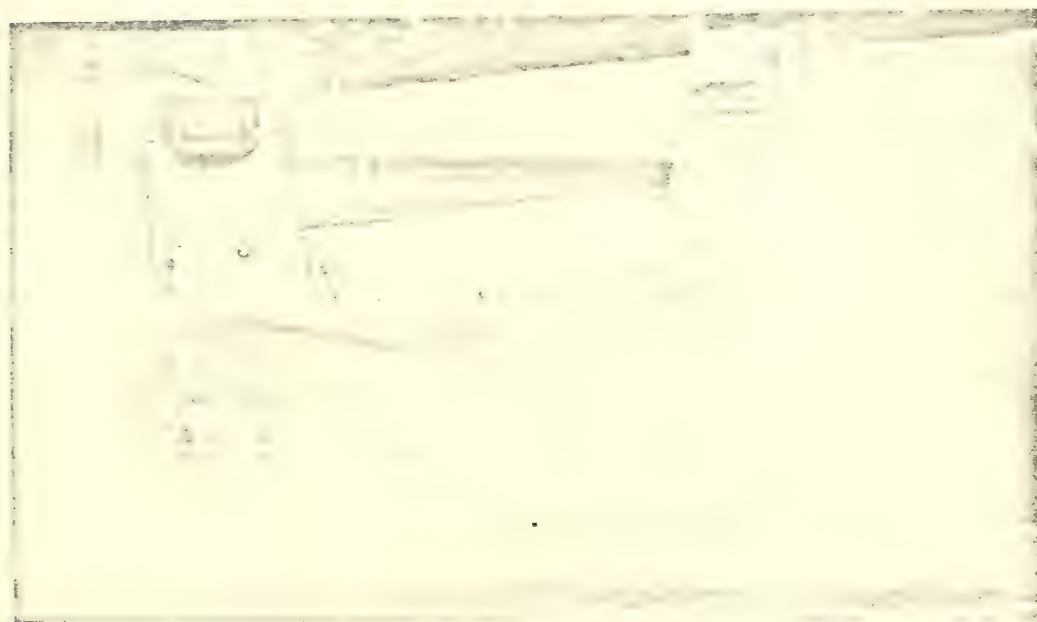


Plate II. Removable 2-foot Cippoletti weir set in 4-foot Parshall flume at stream-gaging station on South Fork Palouse River above Paradise Creek near Pullman, Wash. - Aug. 1934.



Plate III. Stream-gaging station on Missouri Flat
Creek at Pullman, Wash. - Feb. 1935.
View from right bank showing artificial
control and gage well.

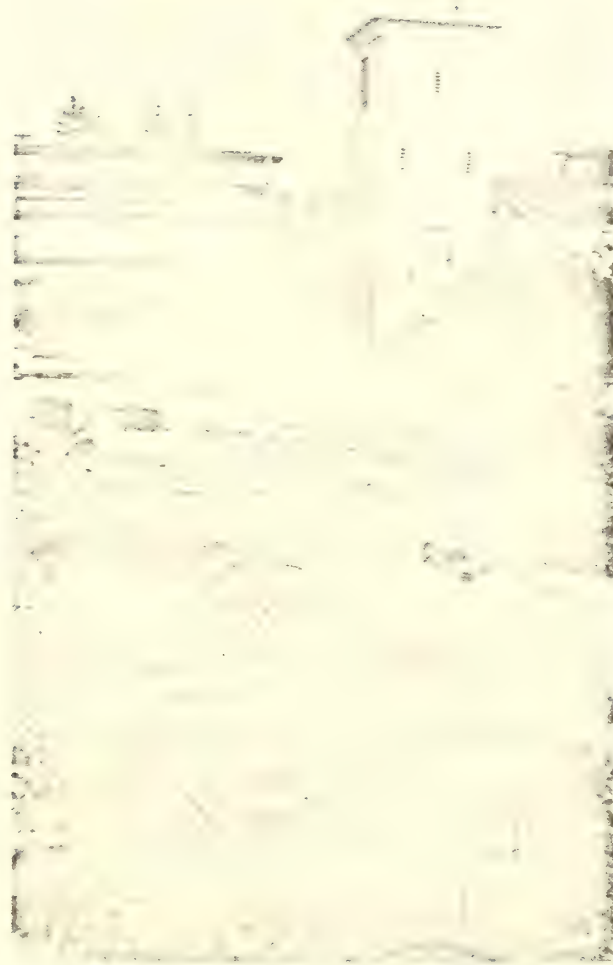


Plate IV. Stream-gaging station on Missouri Flat Creek at Pullman, Wash. - April 1939. Looking upstream towards gage well and artificial control.



Plate V. Stream-gaging station on Missouri Flat Creek
at Pullman, Wash. - 1935.
Looking upstream towards artificial control.



Plate VI. Two-foot Parshall flume with 3-inch rectangular
weir at stream-gaging station on Missouri Flat
Creek at Pullman, Wash. - 1935.

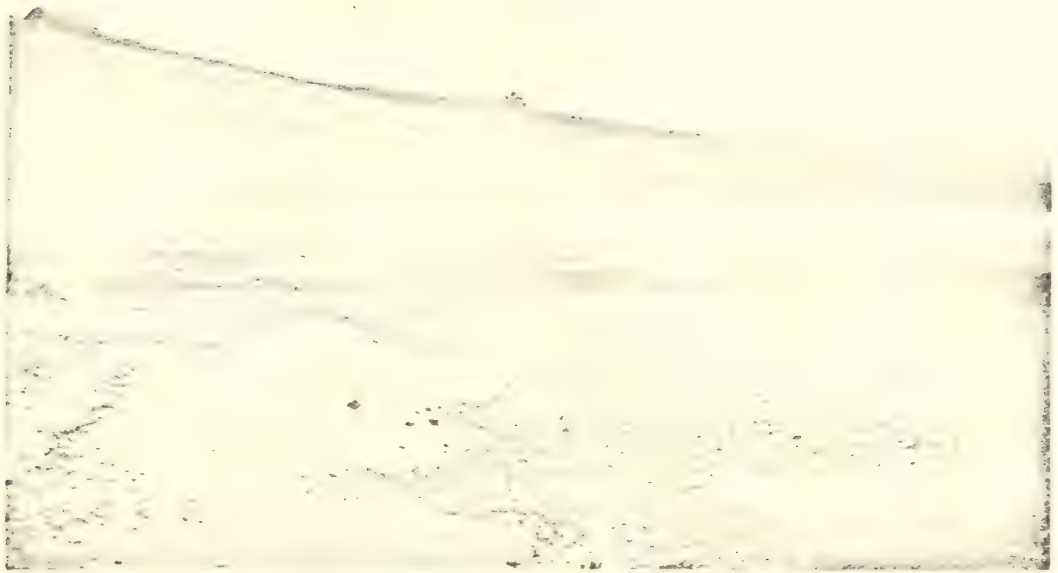


Plate VII. Fourmile Creek at Shawnee, Wash. - 1935.
Looking upstream towards gaging-station.

Tabulations of Hydrologic Sta

RAIN GAGES -

LOCATION AND HISTORY

RAINGAGES - LOCATION AND HISTORY

Station No. 2

Location: Missouri Flat Creek Watershed,
NE 1/4, NW 1/4, Sec. 24, T15N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily,
F. Gray, cooperative observer.

History: Station established April 1934
Records complete except for following
periods:

January 1 - February 18, 1937
April 1 - 30, 1939

Station No. 3

Location: Missouri Flat Creek Watershed,
SW 1/4, SE 1/4, Sec. 19, T40N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily,
E. Hawley, cooperative observer.

History: Station established June 1934,
Station discontinued October 1936,
Records complete.

Station No. 5

Location: South Fork Palouse River Watershed,
NE 1/4, NW 1/4, Sec. 30, T14N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
R. Draper, cooperative observer.

History: Station established July 1934
Records complete except for following
periods:

January 1 - February 18, 1937
May 1 - 31, 1938
July 1 - September 30, 1938
November 1 - 30, 1938
January 1 - 31, 1939
March 1 - 31, 1939
June 1 - 30, 1939
September 1 - October 31, 1939
January 1 - 31, 1940

Station No. 6

Location: South Fork Palouse River Watershed,
SE 1/4, SW 1/4, Sec. 26, T40N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Station No. 6 (Continued)

Observations: Readings taken 8:00 A.M. daily,
C. Butler, cooperative observer.

History: Station established April 1934
Station discontinued January 1940
Records complete except for following
periods:

January 1 - February 18, 1937
December 1, 1938 - April 30, 1939
November 1 - 30, 1939

Station No. 7

Location: South Fork Palouse River Watershed,
NW 1/4, SW 1/4, Sec. 24, T40N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily,
T. Nutterville, cooperative observer.

History: Station established June 1934
Records complete.

Station No. 8

Location: South Fork Palouse River Watershed,
SE 1/4, Sec. 2, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U. S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily,
A. Day, cooperative observer.

History: Station established June 1934
Station discontinued November 1938
Records complete except for following
periods:

January 1 - February 18, 1937

Station No. 9

Location: South Fork Palouse River Watershed,
NE corner, Sec. 19, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily,
Moses J. J. Day, cooperative
observer.

History: Station established June 1934
Records complete.

RAINGAGES - LOCATION AND HISTORY

Station No. 10

Location: South Fork Palouse River Watershed,
SW 1/4, NW 1/4, Sec. 22, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
G. A. Johnston, cooperative observer.

History: Station established June 1934
Station discontinued October 1936
Records complete.

Station No. 11

Location: South Fork Palouse River Watershed,
NW 1/4, NE 1/4, Sec. 33, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
W. F. Johnson, cooperative observer.

History: Station established July 1934
Station discontinued October 1935
Records complete.

Station No. 12

Location: Paradise Creek Watershed,
NE 1/4, NW 1/4, Sec. 18, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 5:00 P.M. daily
University of Idaho (W. B. Station),
cooperative observer.

History: Records complete.

Station No. 15

Location: Paradise Creek Watershed,
NE 1/4, SE 1/4, Sec. 21, T40N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
S. Hunt, cooperative observer.

History: Station established April 1934
Station discontinued October 1935
Records complete.

Station No. 16

Location: Paradise Creek Watershed,
Center S. line, SE 1/4, Sec. 33,
T15N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken at midnight
College Farm, cooperative observer.

History: Station established October 1935
Records complete except for
following period:
September 1 - 31, 1935

Station No. 17

Location: Paradise Creek Watershed,
SE 1/4, NE 1/4, Sec. 5, T14N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken in the morning.
State College of Washington
(W. B. Station), cooperative
observer.

History: Records complete.

Station No. 19

Location: South Fork Palouse River Watershed,
NW corner of NE 1/4, NW 1/4,
Sec. 10, T14N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
M. C. Christenson (formerly
W. H. Tapp), cooperative
observers.

History: Station established April 1934
Records complete.

Station No. 20

Location: South Fork Palouse River Watershed,
SW corner of NE 1/4, SE 1/4,
Sec. 20, T14N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
C. Crowe, cooperative observer.

History: Station established July 1934
Station discontinued October 1937
Records complete.

RAINGAGES - LOCATION AND HISTORY

Station No. 22

Location: Fourmile Creek Watershed,
SE corner of NE 1/4, SE 1/4, Sec. 3,
T16N, R14E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
O. Burridge, cooperative observer.

History: Station established October 1934
Records complete except for following
period:
September 1 - 30, 1935

Station No. 25

Location: Fourmile Creek Watershed,
Center SE 1/4, SW 1/4, Sec. 29,
T16N, R14E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
E. Keyser, cooperative observer.

History: Station established August 1934
Records complete except for following
period:
October 1 - 31, 1936

Station No. 26

Location: Missouri Flat Creek Watershed,
NW 1/4, NW 1/4, NW 1/4, Sec. 5,
T14N, R14E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Geological Survey, cooperative
observer.

History: Station established November 1934
Station discontinued July 1939
Records complete.

Station No. 27

Location: South Fork Palouse River Watershed,
Center E. line, SE 1/4, NW 1/4, Sec. 30,
T15N, R14E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily from
October 1934 thru December 1937
Readings taken at midnight from
January 1938 thru June 1940

Station No. 27 (Continued)

Observations: Soil Conservation Experiment Station,
cooperative observer.
Average of two gages (Gages #2 and #5)
Soil Conservation Service Experiment
Station numbers.

History: Records complete.

Station No. 28

Location: South Fork Palouse River Watershed,
Center N. line, NE 1/4, Sec. 15,
T14N, R14E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
G. Leonard, cooperative observer.

History: Station established February 1935
Records complete except for following
periods:
October 1 - 31, 1937
December 1 - 31, 1937
September 1 - 30, 1939
July 1 - 31, 1939
June 1 - 31, 1940

Station No. 29

Location: Fourmile Creek Watershed,
Location from October 1935 thru
April 1937 - SW 1/4, SE 1/4, sec. 25,
T16N, R14E,
Location from May 1937 thru June 1940 -
NW 1/4, SW 1/4, Sec. 30, T16N, R14E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
W. Brownell and Fink, cooperative
observers.

History: Station established October 1935
Site abandoned May 1937 and established
1 mile NE.
Records complete except for following
periods:
January 1 - February 18, 1937
March 1 - April 30, 1937
December 1 - 31, 1937
February 1 - 28, 1938
July 1 - 31, 1938
September 1 - 30, 1939

RAINGAGES - LOCATION AND HISTORY

Station No. 30

Location: Fourmile Creek Watershed,
SE 1/4, Sec. 33, T16N, R14E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
J. Dober, cooperative observer.

History: Station established March 1935
Records complete except for following
periods:
March 1 - September 30, 1935
January 1 - February 18, 1937

Station No. 31

Location: Paradise Creek Watershed,
NW corner NE 1/4, Sec. 1 T14N, R15E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
H. Hagedorn, cooperative observer.

History: Station established February 1935
Records complete except for following
periods:
April 1 - 30, 1938

Station No. 32

Location: Paradise Creek Watershed,
NE 1/4, SE 1/4, Sec. 22, T14N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
P. E. Wickward, cooperative observer.

History: Station established January 1935
Records complete except for following
periods:
January 1 - September 30, 1935

Station No. 33

Location: Fourmile Creek Watershed,
SW 1/4, SW 1/4, Sec. 13,
T16N, R15E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Smith, cooperative observer.

Station No. 33 (Continued)

History: Station established September 1935
Records complete except for following
periods:
September 1 - 30, 1935
January 1 - 31, 1938
March 1 - 31, 1938

Station No. 34

Location: South Fork Palouse River Watershed,
Location from July 1935 thru May 1937 -
Center N. line, NW 1/4, SE 1/4,
Sec. 23, T14N, R15E,
Location from June 1937 thru June 1940 -
NE 1/4, SE 1/4, Sec. 23, T14N, R15E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Driscoll and Mathison, cooperative
observers.

History: Station established July 1935
Site abandoned June 1937 and established
1/4 mile E.
Records complete except for following
periods:
July 1 - September 30, 1935
January 1 - 18, 1937
March 1 - May 31, 1937
September 1 - October 31, 1939

Station No. 35

Location: South Fork Palouse River Watershed,
Center N 1/2, SE 1/4, SE 1/4, Sec. 29,
T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
J. W. Hughes, cooperative observer.

History: Station established June 1935
Station discontinued October 1937
Records complete except for following
periods:

June 1 - September 30, 1935
May 1 - May 31, 1937
July 1 - August 31, 1937

Station No. 36

Location: South Fork Palouse River Watershed,
NW 1/4, NW 1/4, Sec. 8, T38N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

RAINGAGES - LOCATION AND HISTORY

Station No. 36 (Continued)

Observations: Readings taken 8:00 A.M. daily
P. H. Hofer (Formerly Jensen),
cooperative observer.

History: Station established October 1935
Records complete except for following
periods:
September 1 - 30, 1935
July 1 - August 31, 1937

Station No. 38

Location: Paradise Creek Watershed,
SE 1/4, SE 1/4, SW 1/4, Sec. 15,
T14N, R5W
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
S. Hunt, cooperative observer.

History: Station established October 1935
Records complete except for following
period:
September 1 - 30, 1935

Station No. 39

Location: Paradise Creek Watershed,
SE 1/4, NW 1/4, Sec. 35, T15N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Pullman C.C.C. Camp, cooperative
observer.

History: Station established December 1935
Station discontinued September 1939
Records complete except for following
periods:
July 1 - 31, 1937
April 1 - 30, 1938
July 1 - 31, 1938

Station No. 40

Location: Fourmile Creek Watershed,
Location from December 1935 thru
September 1936 - NE 1/4, NE 1/4,
Sec. 9, T16N, R45E,
Location from October 1936 thru
June 1940 - NE 1/4, NE 1/4, Sec. 17,
T16N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Station No. 40 (Continued)

Observations: Readings taken 8:00 A.M. daily
Slonacker and Fugate, cooperative
observers.

History: Station established December 1935
Site abandoned October 1936 and
established at new location.
Records complete except for following
period:
March 1 - April 31, 1937

Station No. 41

Location: Fourmile Creek Watershed,
SW 1/4, NW 1/4, Sec. 4, T14N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Cuthbert, cooperative observer.

History: Station established December 1935
Station discontinued May 1938
Records complete except for following
periods:
July 1 - 31, 1936
October 1 - 31, 1936
January 1 - February 18, 1937
March 1 - 31, 1937
October 1, 1937 - March 31, 1938

Station No. 42

Location: South Fork Palouse River Watershed,
NE 1/4, NE 1/4, Sec. 6, T13N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
E. Henry, cooperative observer.

History: Station established December 1935
Station discontinued October 1936
Records complete.

Station No. 43

Location: South Fork Palouse River Watershed,
NE 1/4, SE 1/4, Sec. 12, T14N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
E. Harms, cooperative observer.

History: Station established January 1936
Records complete except for following
periods:
July 1 - 31, 1936
June 1 - 30, 1939

RAINGAGES - LOCATION AND HISTORY

Station No. 44

Location: Paradise Creek Watershed,
SE 1/4, NW 1/4, Sec. 4, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Miridale Farm (Formerly Washburn-
Wilson), cooperative observers.

History: Station established December 1935
Station discontinued October 1937
Records complete.

Station No. 45

Location: South Fork Palouse River Watershed,
SW 1/4, NE 1/4, Sec. 15, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Moscow Golf Course, cooperative
observer.

History: Station established May 1936
Records complete except for following
periods:
May 1 - September 30, 1936
January 1 - February 18, 1937
October 1 - 31, 1937
June 1 - 30, 1940

Station No. 46

Location: Missouri Flat Creek Watershed,
SW 1/4, NE 1/4, Sec. 36, T40N, R6W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Allen, cooperative observer.

History: Station established August 1936
Station discontinued October 1937
Records complete except for following
period:
August 1 - September 30, 1936

Station No. 47

Location: Missouri Flat Creek Watershed,
NW 1/4, NE 1/4, Sec. 17 T15N, R4SE,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
R. Vanderpool, cooperative observer.

History: Station established August 1936
Records complete except for following
period:
August 1 - September 30, 1936

Station No. 48

Location: Fourmile Creek Watershed,
SE 1/4, SE 1/4, Sec. 29, T16N, R4SE,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Rudolph, cooperative observers.

History: Station established June 1937
Records complete except for following
periods:
February 1 - 28, 1938
December 1 - 31, 1938

Station No. 49

Location: Paradise Creek Watershed,
NW 1/4, SW 1/4, Sec. 3, T11N, R4SE,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
S.C.S. Nurseries, cooperative observer.

History: Station established October 1936
Records complete.

Station No. 50

Location: South Fork Palouse River Watershed,
NE 1/4, NW 1/4, Sec. 29, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
Cameron, cooperative observer.

History: Station established October 1937
Records complete.

Station No. 51

Location: South Fork Palouse River Watershed,
NE 1/4, NE 1/4, Sec. 30, T11N, R4SE,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily
R. Dunning, cooperative observer.

History: Station established October 1937
Station discontinued March 1939
Records complete except for following
periods:
January 1 - 31, 1938
September 1 - 30, 1938
December 1, 1938 - February 28, 1939

RAINGAGES - LOCATION AND HISTORY

Station No. 52

Location: South Fork Palouse River Watershed,
SE 1/4, SE 1/4, Sec. 31, T14N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily,
M. Brownfield, cooperative observer.

History: Station established October 1937
Record complete.

Station No. 53

Location: South Fork Palouse River Watershed,
NW 1/4, Sec. 35, T14N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily

History: Station established October 1, 1938
Records complete.

Station No. 54

Location: South Fork Palouse River Watershed,
NW 1/4, NE 1/4, Sec. 11, R5W, T39N,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily

History: Station established November 19, 1938
Station discontinued February 1940
Records complete except for following
period:
January 1 - 31, 1940

Station No. 55

Location: South Fork Palouse River Watershed,
NW 1/4, SW 1/4, Sec. 26, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily

History: Station established January 1940
Records complete.

Station No. 56

Location: South Fork Palouse River Watershed,
NE 1/4, NW 1/4, Sec. 29, T14N, R45E,
Whitman County, Washington.

Gage Type: Standard U.S. Weather Bureau

Station No. 56 (Continued)

Observations: Readings taken 8:00 A.M. daily

History: Station established January 1940
Records complete except for following
period:
June 1 - 30, 1940

Station No. 57

Location: South Fork Palouse River Watershed,
NE 1/4, NW 1/4, Sec. 11, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily

History: Station established February 1940
Records complete.

Station No. 58

Location: South Fork Palouse River Watershed,
SW 1/4, NW 1/4, Sec. 1, T39N, R5W,
Latah County, Idaho.

Gage Type: Standard U.S. Weather Bureau

Observations: Readings taken 8:00 A.M. daily

History: Station established April 1940
Records complete.

Station No. 101

Location: Paradise Creek Watershed,
NE 1/4, NW 1/4, Sec. 18, T39N, R5W,
Latah County, Idaho.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
weekly chart.

Observations: Charts changed weekly.

History: Station established October 1934
Station discontinued April 1936
Records complete except for following
period:
October 15 - 20, 1935

Station No. 102

Location: South Fork Palouse River Watershed,
SW 1/4, NE 1/4, Sec. 15, T39N, R5W,
Latah County, Idaho.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
weekly chart.

RAINGAGES - LOCATION AND HISTORY

Station No. 102 (Continued)

Observations: Charts changed weekly (U.S.G.S. or
S.C.S. employees)

History: Station established May 1936
Station discontinued November 1937
Records complete.

Station No. 103

Location: South Fork Palouse River Watershed,
NE 1/4, NE 1/4, SE 1/4, Sec. 36,
T39N, R6W,
Latah County, Idaho.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
weekly chart.

Observations: Charts changed weekly by S.C.S.
employees

History: Station established November 1937
Records complete.

Station No. 104

Location: South Fork Palouse River Watershed,
NW corner NE 1/4, NW 1/4, Sec. 2,
T13N, R45E,
Whitman County, Washington.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
weekly chart.

Observations: Charts changed weekly (U.S.G.S. or
S.C.S. employees)

History: Station established October 1934
Records complete except for following
period:
March 20 - 25, 1935

Station No. 105

Location: Missouri Flat Creek Watershed,
SW 1/4, SW 1/4, Sec. 18, T40N, R5W,
Latah County, Idaho.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
weekly chart.

Observations: Charts changed weekly (U.S.G.S. or
S.C.S. employees)

History: Station established December 1934
Station discontinued December 1937
Records complete except for following
periods:
August 3 - 20, 1935
January 1 - 3, 1937

Station No. 106

Location: Fourmile Creek Watershed,
SE 1/4, NE 1/4, NE 1/4, Sec. 1,
T40N, R6W,
Latah County, Idaho.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
weekly chart.

Observations: Charts changed weekly by S.C.S.
employees.

History: Station established December 1937
Records complete.

Station No. 107

Location: Fourmile Creek Watershed,
SE 1/4, SE 1/4, Sec. 27, T16N, R45E,
Whitman County, Washington.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
weekly chart.

Observations: Charts changed weekly (U.S.G.S. or
S.C.S. employees)

History: Station established February 1938
Records complete except for following
period:
March 1 - 7, 1938

Station No. 108

Location: Fourmile Creek Watershed,
W1/2, SE 1/4, Sec. 8, T15N, R45E,
Whitman County, Washington.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
weekly chart.

Observations: Charts changed weekly (U.S.G.S. or
S.C.S. employees)

History: Station established February 1938
Records complete.

Station No. 109

Location: Missouri Flat Creek Watershed,
SW 1/4, SE 1/4, Sec. 14, T15N, R45E,
Whitman County, Washington.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
24 hour chart.

Observations: Charts changed daily (U.S.G.S. or
S.C.S. employees)

History: Station established January 1938
Records complete.

RAINGAGES - LOCATION AND HISTORY

Station No. 110

Location: South Fork Palouse River Watershed,
Center E. line, SE 1/4, NW 1/4,
Sec. 30, T15N, R45E,
Whitman County, Washington.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
12 and 24 hour charts

Observations:

History: Records from recording gages at this
Station to be included in a forth-
coming S.C.S. Technical Publication
and are not included in this report.

Station No. 111

Location: Paradise Creek Watershed,
NW 1/4, NW 1/4, Sec. 32, T40N, R5W,
Latah County, Idaho.

Gage Type: Friez Reconnaissance Weighing Gage -
capacity 3 inches - 24 hour chart.

Observations: Charts changed daily (U.S.G.S. or
S.C.S. employees)

History: Station established November 1937
Records complete.

Station No. 112

Location: Paradise Creek Watershed,
NE 1/4, NW 1/4, Sec. 3, T39N, R5W,
Latah County, Idaho.

Gage Type: Friez Reconnaissance Weighing Gage -
capacity 3 inches - 24 hour chart.

Observations: Charts changed daily (U.S.G.S. or
S.C.S. employees)

History: Station established November 1937
Records complete.

Station No. 113

Location: Fourmile Creek Watershed,
SE 1/4, SE 1/4, Sec. 9, T16N, R45E,
Whitman County, Washington.

Gage Type: Friez Reconnaissance Weighing Gage -
capacity 3 inches - 24 hour chart.

Observations: Charts changed daily by S.C.S.
employees.

History: Station established January 1938
Records complete.

Station No. 114

Location: South Fork Palouse River Watershed,
SE 1/4, SW 1/4, Sec. 19, T14N, R46S,
Whitman County, Washington.

Gage Type: Friez Reconnaissance Weighing Gage -
capacity 3 inches - 24 hour chart.

Observations: Charts changed daily (U.S.G.S. or
S.C.S. employees)

History: Station established January 1938
Records complete.

Station No. 115

Location: Paradise Creek Watershed,
Center N. line, SE 1/4, NE 1/4,
Sec. 5, T44N, R45E,
Whitman County, Washington.

Gage Type: Tipping bucket

Observations:

History: Records on file at State College of
Washington and are not included
in this report.

Station No. 116

Location: Missouri Flat Creek Watershed,
Center S. line, SE 1/4, Sec. 33,
T15N, R45E,
Whitman County, Washington.

Gage Type: Fergusson Weighing Recording Rain
and Snow Gage - capacity 9 inches -
12 hour chart.

Observations:

History: Records on file at State College of
Washington and are not included
in this report.
Station established March 1937

Tabulations of Hydrologic Data

DAILY PRECIPITATION
FROM ALL STATIONS

1934 to 1940

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1
MONTH OF October & November 1934

SHEET 1
OF 1 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Fourmile Creek					Missouri Flat Creek							Paradise Creek				
DATE	22	25				2	3	26				12	15	17	31	101	115
1																	
2	Note: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																
3	in the morning.																
4	all other stations are for the 24-hr. period ending 8:00 A.M.																
5																	
6																	
7																	
8	.02	.02				.03	.04					.04	.03	.02	.02		
9																	
10																	
11																	
12																	
13	.17	.17				.24	.19	.20				.14	.17	.21	.15	Sta.	
14																Est.	
15								.19				.14		.14	.12	.11	
16	.14	.14				.16	.12					.13					
17																	
18	.20	.32				.27	.36	.32				.51	.13	.13	.13	.13	
19	.05	.08					.21					.27	.02			.06	
20																	
21	.53	.55				.59	.71	.37				.56	.57	.62	.47		
22	.29	.37				.36	.25	.50				.27	.27	.27	.27	.22	
23																	
24	.22	1.00				.70	.51	.63				.62	1.27	.10	.53	.17	
25	.35	.33				.50	.31	.13				.16	.17	.05	.13	.13	
26	.23	.26				.20	.27	.12				.06	.08	.15	.22	.18	
27																.01	
28																.01	
29																	
30																	
31	.09	.32				.26	.11	.03				.02	.02	.02	.02	.05	
TOTAL	2.90	3.46				3.41	3.69	3.31				3.44	3.57	2.94	3.34	-	

Record kept at State College of Washington

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Fourmile Creek					Missouri Flat Creek							Paradise Creek				
DATE	22	25				2	3	26				12	15	17	31	101	115
1	.06	.10				.04	.07	.11				.13	.12			.03	
2	.07	.09				.11	.07	.10						.07	.23	.10	
3	.24	.30				.20	.20	.26				.23	.02	.14	.13	.21	
4																	
5	.35	.19				.10	.37	.11				.13	.55	.15	.10	.20	
6																	
7																	
8	.01	.07				.04	.08	.05				.10	.14	.05	.09	.07	
9																	
10																	
11															.01		
12															.01		
13																	
14																	
15												.01		.01			
16																	
17	.04					.36	.30	.30				.33	.05	.03		.01	
18	.33	.31										.27	.30	.20	.13	.23	
19	.06	.06				.03	.13	.10				.10	.20	.11		.01	
20	.11	.13				.17	.13	.19				.17	.13	.13		.13	
21	.08	.20				.17	.20	.15				.25	.21	.19	.12	.31	
22															.01		
23																	
24																	
25	.19	.22				.19	.22	.21				.20	.23	.15	.26	.14	
26	.03																
27		.20-s					.23-s	.22-s				.30	.30-s	.20	.13-s		
28	.20-s					.19-s	.21-s	.27-s					.23-s	.07		.32-s	
29	.11-s	.20-s				.15-s	.27-s	.15-s				.21	.20-s	.06	.23-s	.12-s	
30	.26-s	.26-s				.18-s	.13-s	.19-s				.17	.12-s	.15	.12-s		
31																	
TOTAL	2.19	2.71				2.24	2.66	2.91				2.47	3.10	1.85	2.72	1.95	

*Recording Gage. - Cumulative amount for period indicated

e - Estimate s - Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
WATERWAYS DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.PROJECT NO. S.C.S.-Wash.-1MONTH OF October & November 1934SHEET 2OF 1 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1																	
2	Notes- Measurements from Station 11 are for the 24-hr. period ending 8:00 P.M.																
3	in the morning.																
4	all other stations are for the 24-hr. period ending 8:00 A.M.																
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TOTAL																	

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
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TOTAL																	

Recording Gage.|-Cumulative amount for period indicated.

e-Estimate

s-Show

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

MONTH OF December 12 31

SHEET 3
OF 4 SHEETS

[illegible][illegible]

*Recording Gage. - Cumulative amount for period indicated.

estimate

4-Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

MONTH OF December

19 34

December 1934

SHEET 1

OF 1 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE				5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1																		
2																		
3																		
4				.20-s	.20-s	.20-s	.20-s	.20-s	.29-s	.20-s	.16-s	.20-s		.20-s				
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14				.31-s	.31-s	.33-s	.32-s	.27-s	.34-s	.31-s	.30-s	.32-s	.32-s	.29-s	.16-s			
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31																		
TOTAL				2.98	3.61	4.34	3.47	2.34	3.25	3.25	3.27	3.28	3.29	2.75	1.79			

Readings from recording gages at this station to be included in a forthcoming S.C.S. Technical Publication.

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
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TOTAL																		

ording Gage.|-Cumulative amount for period indicated.

e-Estimate

s-Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDECO-GEORGE, SON

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington
Demonstration Project

S.C.S.-Wash.-1

PROJECT NO. _____
MONTH OF Jan. & Feb. 19 35

January 1935

SHEET 1

OF 12 SHEETS

[illegible]

February 1935

[illegible]

*Recording Gage / - Cumulative amount for period indicated

e-estimate

6 3209

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington
Demonstration projectPROJECT NO. S.C.S.-Wash.-1MO./YR. OF Jan. & Feb.1935

January 1935

SHEET 2OF 13 SHEETS

STATION NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1																		
2																		
3																		
4																		
5					.15	.21	.21	.21	.20	.21	.20	.20	.20	.24				
6					.20	.25	.22	.20	.22	.20	.20	.16	.24	.24				
7					.15-s	.25-s	.22-s	.20-s	.14-s	.20-s	.25-s	.30-s	.30-s	.30-s				
8					.22-s	.17-s	.17-s	.17-s	.17-s	.17-s	.17-s	.17-s	.17-s	.17-s				
9					.25-s	.17-s	.12-s	.17-s	.17-s	.17-s	.17-s	.17-s	.17-s	.17-s				
10																		
11					.50-s	.23-s	.75-s	.24-s	.20-s	.20-s	.20-s	.43-s	.32-s	.42-s				
12					.10-s							.09-s		.41-s	1.40-s			
13																		
14																		
15					.20-s	.20-s	.35-s	.22-s	.27-s	.32-s	.21-s	.25-s	.23-s	.23-s				
16					.12-s	.21-s	.30-s	.17-s	.16-s	.20-s	.17-s	.16-s	.16-s	.16-s				
17					.10-s	.10-s	.32-s	.17-s	.05-s	.04-s	.11-s	.07-s	.05-s	.15-s				
18					.07-s	.14-s	.40-s	.17-s	.17-s	.17-s	.17-s	.07-s	.04-s					
19																		
20					.20-s	.10-s	.10-s	.10-s	.10-s	.10-s	.10-s	.10-s	.10-s	.10-s				
21																		
22					.20-s	.54-s	.70-s	.03-s	.17-s	.50-s	.17-s	.13-s	.50-s	.23-s				
23					.20	.12	.25	.11	.34	.25	.22	.11	.11	.11				
24					.12	.12	.12	.12	.12	.12	.12	.12	.12	.12				
25																		
26					Note: Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.													
27					"	"	"	"	"	"	"	"	"	"				
28					All other stations are for the 24-hr. period ending 5:00 A.M.													
29																		
30																		
31																		
TOTAL					2.78	3.17-s	4.43	3.13	2.82-s	3.11	2.95	2.79	2.89-s	2.72	1.72			

Record from recording gages at this station to be included in a forthcoming S.C.S. Technical Publication.

February 1935

STATION NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11					.31-s	.30-s	.31-s	.30-s	.21-s	.30-s	.19-s	.21-s	.23-s	.21-s	.22-s			
12																		
13					.35-s	.32-s	.33-s	.32-s	.31-s	.31-s	.15-s	.36-s	.32-s	.21-s	.32-s	.20-s		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21					.10	.25	.27	.10	.10	.10	.16	.11	.11	.16	.10			
22					.12	.12	.11	.11	.11	.11	.11	.09	.20	.10	.10			
23					.02	.30		.04		.05		.13		.11	.12			
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL					.98	1.29	1.37	1.06	.92	1.10	1.00	.98	.89	1.08	.86	-		

Incomplete Record

*Recording Gage - Cumulative amount for period indicated

e- Estimate

s- Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

MONTH OF March & April 1935

March 1935

SHEET 2
OF 13 SHEETS

STATION	FOURMILE CREEK				MISSOURI FLAT CREEK				PARADISE CREEK				RECORD ON FILE AT STATE COLLEGE OF WASHINGTON			
	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
DATE	22	25	30		2	3	26	105		12	15	17	31	30	101	115
1	.15	.15	.05		.13	.12	.11	.01		.18		.10			.10	
2								.01								
3								.01								
4			.04-s													
5										.03		.01		.17-s		.01-s
6	.02-s	.03-s	.18-s		.03-s	.03-s	.1	.01		.10-s	.03	.03-s				.01-s
7			.07-s													.01-s
8	.21-s	.18-s	.12		.39-s	.39-s	.30-s	.34		.19	.52-s	.22	.56-s			.02-s
9			.01													.12-s
10																.12-s
11	.15-s	.12-s	.18-s		.10-s	.10-s	.10-s	.18		.10	.10-s	.03	.10-s			.10
12	.1	.12	.22		.17	.13	.15	.1		.27	.25	.12	.15	.12-s		.10
13	.21	.21	.24		.25	.33	.2	.27		.17	.3	.18	.2			.28
14								.02		.05						
15					.01-s	.08-s					.03-s					
16																
17										.06		.01				
18	.03	.01	.14-s							.10	.02		.02-s		.03	
19																
20			.01-s							.27	.22					.01
21	.06		.36-s		.01	.09	.03			.15	.01					.03
22																
23																
24																.01
25	1.50-r	1.50-r	1.33		1.50-r	1.50-r	1.31-r	1.20-r		1.17	1.00-r	1.50	1.35-r			
26			.39				.41-s			.07	.10		.10			
27											.01					
28																
29																
30																
31	.02															
TOTAL	2.49	2.68	3.06		2.60	2.63	2.73	2.25		2.55	1.01	2.36	2.65	1.35	1.01	

Record on file at Leno College of Washington.

[illegible]

*Recording Gage - Cumulative amount for period indicated.

s-Snow r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYBRID 2000 2000 2000

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

PROJECT NO. 4500-1-1
MONTH OF March & April 1935

SHEET 4
OF 12 SHEETS

March 1935

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	5	6	7	8	9	10	11	19	20	27	28	104	110
South Fork Palouse River													
DATE													
1	.12	.20	.30	.09	.12	.11	.20	.05	.10				
2	Notes- Measurements from Station 12 are for the 2-hr. period ending 5:00 P.M.												
3	"	"	"	"	"	"	"	"	"	"	"	"	"
4	"	"	"	"	"	"	"	"	"	"	"	"	"
5	all other stations are for the 2-hr. period ending 1:30 A.M.												
6	.03-s	.01-s	.07-e	.01-s	.01-s	.05-s	.03-s	.05-s	.04-s	.08-s			
7			.20-s							.15-s		.03-a	
8	.35-s	.37-s	.10-s	.34-s	.21-s	.35-s	.35-s	.14-s	.17-s			.15-s	
9													
10										.21-s			
11	.11-s	.32-s	.13-s	.10-s	.07-s	.08-s	.10-s	.10-s	.15-s	.10-s			
12	.20	.30	.14	.30	.10	.14	.20	.20	.21				
13	.38	.50	.60	.48	.29	.37	.31	.36	.25				
14												.53	
15			.08-s	.07-s	.04-s	.05-s	.10-s	.04-s					
16													
17													
18	.02	.16	.20	.13	.07	.10	.10	.08	.12				
19													
20													
21			.10	.12	.02	.07	.08	.04		.07-s			
22													
23													
24										.24-s			
25													
26										.24-s			
27										.01			
28													
29													
30													
31													
TOTAL	2.24	3.66	4.19	3.30	2.57	2.76	3.25	3.19	2.83	2.29			

March 10 to March 25
Records from recording taken at this station to be
include in a forthcoming U.S. Technical Publication.

No Record
March 10 to March 25

Received from respondent taken at this station to be
valued in a forthcoming C.S.B. Technical Publication.

April 1985

STATION	NO.		NO.		NO.		NO.		South Fork Palouse River		NO.		NO.		NO.		NO.		NO.	
	DATE																			
1			.01																	
2																				
3																				
4																				
5			.21-s	.13-s	.15-s	.16-s	.27-s	.17-s	.18-s	.22-s	.15-s	.16-s	.16-s	.11-s						
6			.17-r	.18-r	.22-r	.19-r	.21-r	.27-r	.22-r	.11-r	.22-r	.18-r	.13-r	.21-r						
7																				
8			.61	.86	.73	.80	.41	.60	.76	.65	.65	.11	.63	.66						
9			.03	.08	.12	.06	.03	.05	.05	.05	.04	.11	.02	.02						
10																				
11																				
12																				
13			.12	.05	.05	.03	.05	.02	.05	.07		.18	.02							
14																				
15																				
16			.73	.87	.96	.35	.66	.89	.81	.76	.72	.43	.58	.60						
17																				
18					.97	.96	.05	.05		.92	.93	.02								
19																				
20																				
21			.42	.37	.40	.31	.39	.41	.25	.32	.36	.35	.28	.22						
22			.12							.22										
23			.23	.31	.22	.30	.20	.23	.43	.11	.17	.26	.21	.11						
24					.10	.09				.02										
25																				
26																				
27					.12															
28																				
29																				
30			.01																	
31																				
TOTAL			2.79	3.07	3.11	2.93	2.63	2.69	2.75	2.83	2.32	2.20	2.29	1.51						

*Recording Gage. / -Cumulative amount for period indicated

S-Snow r-Rain S-Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

PROJECT NO. S.C.S.-Wash.-1 NAME South Fork Palouse River LOCATION Pullman, Washington
MONTH OF May & June 1935 Demonstration Project

SHEET 5
OF 13 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	30			2	3	26	105			12	15	17	31	32	101	115
1																		
2																		
3																		
4																		
5		.03						.02				T				.03		
6												T						
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15	.07	.05	.09			.05	.05	.09	.01			.02	.07	.08	.10		.02	
16												.22						
17	.19	.18	.16			.13	.13	.26	.18				.19	.25	.20		.11	
18																.37		
19																		
20																		
21																		
22																		
23																		
24	Notes: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																	
25	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
26	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
27	all other stations are for the 24-hr. period ending 8:00 A.M.																	
28																		
29																		
30																		
31																		
TOTAL	.26	.26	.25			.18	.18	.35	.24			.21	.26	.33	.30	.40	.16	

June 1935

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	30			2	3	26	105			12	15	17	31	32	101	115
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12			.03					.06	.05			.06	.05	.05			.02	
13	.08	.07	.07			.12	.13	.12	.01			.05	.12	.12			.05	
14						.29		.20	.20			.27	.11	.27	.26		.07	
15	.33	.36	.17			.06	.35	.40	.19			.05	.21	.10	.16		.21	
16																		
17																		
18																		
19	.12	.16																
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29						.16	.16	.11	.15			.16	.15	.10	.19		.15	
30																		
31																		
TOTAL	.53	.59	1.17			.63	.64	.89	.60			.61	.70	.65	.61		.51	

* Recording Gage.

Record on file at State College of Washington.



U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Tish.-1

SHEET 6

MONTH OF May & June

35

May 1935

OF 13 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.*	NO.*	NO.
							South Fork	Palouse River						
DATE	5	6	7	8	9	10	11	19	20	27	28	35	101	110
1														
2			.01											
3														
4														
5			.03											
6														
7			.02						.01					
8														
9														
10														
11														
12														
13														
14														
15		.22	.05	.07	.07	.04	.05	.05	.15	.15	.06	.08	.07	
16														
17		.21	.18	.18	.14	.12	.17	.09	.26	.18	.21	.30	.23	
18														
19	Note:- Measurements from Station 12 are for the 2-hr. period ending 5:00 P.M.													
20														
21														
22														
23														
24														
25														
26														
27														
28														
29								.02						
30														
31														
TOTAL		.43	.23	.34	.21	.16	.22	.16	.41	.37	.27	.33	.33	

Station established June 1935

Records from recording gages at this station to be furnished by S.F.S. Technical Publication.

Records from traveling agents at the Station to be included in a forthcoming S.E.S. Technical Publication.

June 1935														
STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1														
2														
3														
4														
5														
6														
7				.01										
8														
9														
10														
11														
12				.05	.02	.11	.03	.01	.05	.03	.02		.03	
13		.17	.11	.12	.12	.15	.10	.10	.27	.25	.10	.09	.18	.09
14		.13	.06	.13	.13	.17	.07	.09	.25	.03			.09	
15		.35	.35	.47	.22	.01	.32	.40	.31	.21	.36	.37	.54	.28
16														
17														
18														
19								.19	.21					
20														
21														
22														
23														
24														
25														
26														
27														
28														
29		.16	.13	.12	.12	.13	.20	.18		.08	.10	.19	.17	
30														
31														
TOTAL		.81	.68	.77	.61	.66	.72	.73	.91	.75	.62	.61	.71	.66

Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington,
Demonstration ProjectPROJECT NO. S.C.S.-Wash.-1MONTH OF July & August 1935SHEET 7
OF 13 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	30	2	3	26	105	12	15	17	31	32	101	115	
1															
2															
3															
4															
5															
6															
7	.16	.50	.88		.18	.38	T	.36		.22	.21	.10	.20	.16	.20
8	.39	.25			.25	.33	.33	.28		.25	.25	.22	.30	.17	.25
9			.12												
10															
11	Note:- Measurements from Station 12 are for the 2-hr. period ending 5:00 P.M.														
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
TOTAL	.55	.75	1.00		.41	.71	.33	1.21		.47	.41	.32	.69	.33	.45

Record on file at State College of Washington.

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	30	2	3	26	105	12	15	17	31	32	101	115	
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18	.05	.04	.08		.08	.08				.06				.09	
19	.10	.15			.21	.20	.24			.12				.20	
20										.09		.11			
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
TOTAL	.15	.19	.08		.39	.26	.61	-		.30	.25	.32	.25	-	.13

Clock removed August 3rd.
Clock replaced August 20th.

No record

* Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.PROJECT NO. S.C.S.-Wash.-1 Demonstration ProjectSHEET 8MONTH OF July & August 1935OF 13 SHEETS

July 1935

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	11	12	20	27	28	31	35	101	110	
1																
2																
3																
4																
5																
6					.07	.01	.02									
7		.20	.12	.27	.10	.15	.12	.15	.28	.28	.10	.27		.20	.20	
8		.28	.21	.23	.15	.25	.20	.16	.18	.18	.11	.21		.18	.30	
9																
10																
11																
12																
13	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.															
14	in the morning.															
15	all other stations are for the 24-hr. period ending 5:00 A.M.															
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26			.02		.06		.01							.01		
27																
28					.02											
29								.02								
30																
31																
TOTAL		.16	.35	.50	.36	.11	.34	.37	.78	.16	.21	.51		.38	.58	

August 1935

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	11	12	20	27	28	31	35	101	110	
1				.01												
2					.02											
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18		.15	.09	.03	.08								.12	.02		
19	.18	.05	.04	.03	.03	.13	.12	.15	.20	.38	.15			.06		
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31	.18			.22	.10	.17	.10	.12	.22	.11				.12		
TOTAL		.56	.20	.11	.15	.21	.13	.12	.45	.12	.60	.60		.12	.12	

*Recording Gage. - Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.PROJECT NO. S.C.S.-Wash.-1

Demonstration Project

MONTH OF September & October 1935

September 1935

SHEET 2OF 22 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	(22)	(25)	(29)	(30)	(33)	(2)	(3)	(26)	(105)	(12)	(15)	(16)	(17)	(31)	(32)	(36)	(101)	(115)
1																		
2	Note:- Measurements from Station 12 are for the 2-hr. period ending 5:00 P.M.																	
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15	No Record	.18		.22	.11	.21	.21	.19	.11	.11	.08	No Record	.11	.31	No Record	No Record	.12	
16		.05		.10		.10	.10	.15	.13	.12	.20		.15	.10			.11	
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	-	.23	-	.22	.11	.21	.21	.31	.27	.26	.26	-	.26	.17	-	-	.12	

October 1935

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	(22)	(25)	(29)	(30)	(33)	(2)	(3)	(26)	(105)	(12)	(15)	(16)	(17)	(31)	(32)	(36)	(101)	(115)
1																		
2																		
3																		
4																		
5	.21	.19	.25	.22	.32	.21	.22	.15	.13	.20		.15	.17	.21	.11	.20	.21	
6																		
7																		
8													.01					
9																		
10																		
11	.21	.25	.16	.25	.21	.21	.32	.27	.13	.27		.17	.21	.31	.13	.21	.21	
12	.03	.03	.12	.05	.09	.01	.07	.07	.22	.07		.01	.25	.31	.03	.03	.21	
13	.03	.05			.03	.03	.05	.01	.01	.05		.02	.05	.31	.03	.03	.21	
14	.02	.04			.04	.01		.02	.01	.05			.01	.31	.03	.03	.21	
15									.05	.01			.01	.31	.03	.03	.21	
16					.05													
17																		
18																		
19	.07	.10	.15	.22	.21	.05	.05	.10	.01	.05		.10	.09	.15	.10	.09	.21	
20																		
21	.20	.25	.35	.28	.37	.35	.31	.28				.05	.11	.21			.21	
22									.13	.01			.17				.21	
23									.13								.21	
24																		
25																		
26																		
27																		
28																		
29	.03-2	.02-8	.15	.13	.04	.01	.01-5	.12-8		.01		.06-8	.01	.01		.01		
30				.01						.03			.01					
31					.01													
TOTAL	.88	.98	1.18	1.16	1.20	.35	1.09	1.02	.83	1.25		.90	.95	1.15	1.05	1.20	-	

Recording Gauge.

s-snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF September & October 1935

September 1935

SHEET 10OF 13 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15	.10	.15	.16	.15	.15	.12	.16	.13	.16	.18	.17	No Record	.17	No Record	.09		
16	.08	.14	.13	.13	.12	.08	.15	.16	.12	.12	.14		.14		.11		
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	.18	.29	.29	.28	.27	.20	.31	.34	.28	.30	.31		.31		.23		

October 1935

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1																	
2																	
3																	
4																	
5	.36	.15	.17	.11	.23	.27		.27	.21	.17	.23	.03	.20	.27	.33		
6																	
7																	
8																	
9																	
10																	
11	.28	.28	.14	.13	.33	.22		.35	.25	.13	.23	.33	.25	.17			
12	.05	.07	.03	.06	.05	.05		.10	.14	.12	.06	.10	.08	.15	.29		
13	.09	.07	.04	.04	.04	.04		.05	.10	.1	.1	.1	.1	.1	.06		
14	.1		.07	.03	.01	.01		.05	.08	.01	.1	.03	.02	.06	.04		
15																	
16																	
17																	
18																	
19	.05	.05	.04	.03	.04	.10		.1	.1	.08	.01	.05	.05	.25			
20																	
21	.25	.17	.11	.13	.12	.18		.25	.25	.21	.27	.20	.35	.30			
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29	.02	.03		.03	.01	.02		.02	.05	.06	.04	.1		.1			
30																	
31																	
TOTAL	1.10	1.12	1.20	1.16	1.21	1.38		1.10	1.18	.78	.94	.71	.95	1.30	.72		

*Recording Gauge.

*Snow

Record from recording gauge at this station to be available in a forthcoming S.C.S. Technical Publication.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF November & December 1935

November 1935

SHEET 11OF 13 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41			2	3	26	105	
1														
2														
3														
4														
5														
6														
7														
8														
9	.11	.09	.30	.13	.06					.10	.08	.10	.08	
10														
11														
12	.16	.18	.16	.15	.25					.07	.05	.17	.08	
13	.08-r	.09-r		.18-r						.22-r	.15-r		.22	
14														
15													.01	
16	.21-r	.31-r	.42-r	.25-r	.2-r					.21-r	.15-r	.13-r	.15	
17													.32	
18														
19														
20														
21														
22														
23	.31-r	.31-r	.31-r	.31-r	.31-r					.31-r	.31-r	.31-r	.31-r	
24	.09	.09	.20	.05	.12					.10	.11	.15	.30	
25														
26	.05	.03	.05	.05	.06					.06		.05	.03	
27														
28														
29														
30														
31														
TOTAL	1.02	1.06	1.33	1.15	1.01					.99	.91	.92	.98	

December 1935

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41			2	3	26	105	
1														
2														
3														
4														
5														
6	.15-s	.23-s	.05-s	.06-s	.12-s	.30-s	.24-s			.15-s	.14-s	.18-s		
7	.18-s	.15-s	.23-s	.25-s	.00-s	.00-s	.25-s			.18-s	.17-s	.18-s	.25-s	
8													.27-s	
9	.07	.06	.10	.16						.05	.06	.05	.02	
10		.10								.06	.10			
11	.71	.74	.35	.41	.06	.06	.15			.11	.57	.68	.01	
12					.30	.01	.95			.50	.10		.72	
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24	.10	.08	.30	.32	.12	.12	.15			.12	.08	.07		
25	.35	.32	.15	.15	.34	.32	.33			.32	.10	.10	.09	
26	.15	.14	.08	.08	.39	.12	.25			.16	.17	.17	.37	
27	.17	.15	.25	.26	.17	.13	.15			.23		.17	.12	
28													.21	
29														
30	.21-s	.20-s	.22-s	.22-s	.19-s	.12-s	.25-s			.05-s	.06-s	.20-s	.05-s	
31	.33-r	.56-r	.73-r	.73-r	.53-r	.05-r	.77-r			.53-r	.32-r	.110-r	.13-s	
TOTAL	2.42	2.76	2.45	2.44	2.57	3.09	3.55			2.52	2.39	3.13	2.42	

*Recording Gage.

s-Snow

r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF November & December 1935SHEET 12
OF 13 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE																
				12	16	17	31	32	38	39	44	101	115			
1																
2																
3																
4																
5																
6																
7																
8				.10												
9				.03	.05	.05	.20	.30	.10			.07				
10																
11				.1		.02										
12				.17	.10	.13	.15	.20	.39			.03				
13				.1	.02-r							.08				
14																
15				.10		.07										
16				.07	.13-r	.12	.30-r	.50-r	.28-r			.11				
17																
18																
19																
20																
21																
22				.15												
23				.20	.28-s	.22	.30-s	.30-s	.34-s			.21-s				
24				.10	.10	.11	.05	.05	.09			.12				
25				.01												
26				.1	.03	.04	.04	.03	.04			.02				
27												.02				
28																
29																
30																
31																
TOTAL				.96	.71	.76	1.05	1.40	1.21			.69				

December 1935

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE																
				12	16	17	31	32	38	39	44	101	115			
1																
2																
3																
4																
5																
6				.15	.07-s	.05	.20-s	.20-s	.21-s	.11-s	.15-s					
7				.15	.15-s	.05	.20-s	.24-s	.30-s	.15-s	.11-s	.05-s				
8				.05		.13				.04		.15				
9					.05	.04	.05	.08	.11			.03				
10				.05								.02				
11				.05	.55		.05			.17	.33					
12				.58			.39	.53	.84	.86	.50	.67	.54			
13													.02			
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24					.06		.30	.11	.13	.15	.05					
25				.27	.33	.05	.15	.37	.11	.23	.25	.09				
26				.45	.16		.41	.41	.45	.25	.15	.54				
27				.21	.16	.20	.08	.16	.19	.14	.17	.14				
28				.15		.19						.19				
29					.10											
30				.13	.10-s	.11	.20-s	.21-s	.24-s	.15-s	.12-s	.04				
31				.17		.52	.72-r	.57-r	.75-r	.74-r	.72-r	.53-s				
TOTAL				2.59	2.05	1.97	2.59	2.93	3.49	2.86	2.45	2.18				

*Recording Gage.

s-Snow

r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Fullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF November & December, 1955

November 1955

SHEET 13OF 13 SHEETS

STATION NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	19	20	27	28	34	35	36	42	104	110
1																
2	Note: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.															
3							16									
4							17									
5																
6																
7																
8	.06	.08														
9	.05	.05	.06	.11	.10	.19	.17	.20	.20	.15	.15	.05	.20		.09	
10																
11																
12	.26	.01		.19	.13	.02	.22	.10	.20	.11	.20	.20	.10		.31	
13		.10-r	.13-r			.20-r	.07-r	.04-r	.04-r	.05-r					.02	
14																
15					.08											
16	.32-r	.14-r	.2-r	.15-r	.18-r	.23-r	.15-r	.12-r	.16-r	.24-r	.20-r	.14-r	.20-r		.11	
17																
18																
19																
20																
21																
22																
23																
24	.08	.10	.23	.10	.10	.08	.06	.13	.10	.09	.04	.05	.05		.06	
25																
26	.02	.03	.08		.04	.02	.02		.04	.04	.05	.05	.04		.02	
27																
28																
29																
30																
31																
TOTAL	1.00	.89	1.35	.82	.90	1.08	.97	.76	.97	.99	.92	.79	.84		.84	

December 1955

STATION NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	5	6	7	8	9	10	19	20	27	28	34	35	36	42	104	110
1																
2																
3																
4																
5																
6	.20-s	.13-s	.11-s	.25-s	.15-s	.18-s	.25-s	.05-s	.10-s	.16-s	.23-s	.15-s	.03-s	.24-s		
7	.15-s	.17-s	.35-s	.24-s	.12-s	.20-s	.22-s	.16-s	.18-s	.15-s	.20-s	.20-s	.13-s	.18-s	.06	
8																
9	.05	.07	.13	.23	.03	.30	.04	.25	.06	.04			.09	.12		
10						.10		.12								
11	.10	.17	.22	.50	.64	.54	.41	.20	.56	.56	.05	.05	.13	.19		
12	.20	.22	.20								.38	.65	.55		.11	
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24	.07	.08	.10	.10	.16	.11	.12	.04	.07	.07	.23	.16	.25	.12		
25	.39	.35	.14	.10	.30	.33	.30	.21	.30	.10	.28	.30	.30	.36	.05	
26	.25	.19	.15	.16	.11	.10	.27	.20	.24	.13	.27	.10	.25	.24	.14	
27	.33	.22	.39	.22	.28	.23	.30	.19	.36	.30	.20	.28	.20	.21	.16	
28																
29																
30	.20-s	.50-s	.15-s	.11-s	.10-s	.12-s	.12-s	.07-s	.10-s	.06-s	.26-s	.15-s	.12-s	.24-s	.03	
31	.50-r	.61-r	.30-r	.50-r	.50-r	.50-r	.18-r	.50-r	.11-r	.10-r	.10-r	.10-r	.10-r	.10-r	.10-r	.10-r
TOTAL	2.74	2.24	3.74	2.24	2.55	2.86	2.73	2.27	2.50	2.73	2.45	2.24	2.24	5.51	2.10	

*Recording Gage.

s-Snow

r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Palman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF January & February 1936SHEET 1OF 18 SHEETS

January 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41						2	3	26	105	
1																	
2	.87-r	.32-r	.18-r	.06-r	.61-r	.35-r	.30-r						.86-r	.32-r	.17-r	.05-r	
3																	
4																	
5	.16-r	.14-r	.77-r	.14-r	.13-r	.15-r	.11-r						.12-r	.05-r	.13-r		
6																	
7																	
8	.11-r	.17-r		.17-r	.12-r	.11-r	.15-r						.17-r	.17-r			
9	.29-s	.36-s	.20-s	.29-s	.29-s	.20-s	.20-s						.20-s	.20-s	.20-s		
10																	
11	.62	.60	.73	.69	.63	.66	.60						.62	.65	.63	.65	
12																	
13																	
14	1.27	1.21	1.05	1.11	.96	1.20	1.22						1.17	.92	.78	.07	
15																	
16																	
17	.03-s	.02-s		.04-s			.03-s						.09-s	.12-s		.07-s	
18																	
19	.12-s	.11-s	.35-s	.21-s	.39-s	.22-s	.52-s						.20-s	.20-s	.20-s	.07-s	
20																	
21	Notes: Measurements from Station 12 are for the 24-hr. period ending 8:00 P.M.																
22																	
23																	
24																	
25																	
26																	
27																	
28	.16-s	.16-s	.23-s	.25-s	.13-s								.16-s	.12-s	.20-s	.20-s	
29																	
30																	
31																	
TOTAL	5.07	5.69	5.73	5.56	4.43	4.73	5.92						4.20-s	5.00	5.28	5.13	

February 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41						2	3	26	105	
1																	
2			.10-s	.03-s													
3	.02-s			.02-s	.06-s	.04-s							.14-s		.02-s		
4				.03-s													
5	.06-s	.07-s	.05-s		.16-s	.20-s	.10-s						.10-s	.07-s	.13-s	.20	
6	.17-s	.33-s	.15-s	.17-s			.22-s						.25-s	.13-s	.14-s	.30	
7				.04-s													
8	.02-s				.02-s								.25-s	.12-s	.07-s		
9	.03-s	.24-s		.03-s	.03-s		.16-s						.26-s	.15-s			
10																	
11																	
12	.09-s		.05-s		.10-s	.10-s							.10-s	.33-s	.11-s	.05	
13	.22-s	.37-s	.16-s	.10-s	.04-s		.18-s						.30-s	.15-s	.20-s		
14																	
15																	
16			.03-s														
17														.32-s		.25	
18	.03-s			.02-s	.16-s	.16-s							.23-s	.04-s		.02	
19	.09-s	.17-s					.18-s						.16-s	.17-s	.11-s	.11	
20				.03-s	.12-s								.05-s			.04	
21	.09-s	.20-s	.10-s	.12-s	.06-s		.20-s						.09-s	.25-s		.11	
22	.22-s	.27-s			.25-s		.10-s						.15-s	.20-s	.16-s	.12	
23																	
24	.02-s	.03-s	.04-s	.18-s			.05-s						.27-s	.05-s	.08-s	.04-s	
25	.06-s	.05-s	.10-s		.20-s	.25-s	.07-s						.16-s	.10-s	.22-s	.05	
26	.02-s	.05-s					.01-s						.22-s	.10-s		.27	
27	.02	.01	.45	.45			.02						.27	.02	.29	.01	
28	.16	.14	.18	.23	.25	.23	.21						.16	.12	.32	.13	
29	.02		.10		.16	.10							.22			.01	
30																	
31																	
TOTAL	1.34	1.69	1.25-s	1.92	1.36	1.26	2.10						1.79-s	1.23	1.39	1.34	

*Recording Gage.|-Cumulative amount for period indicated.

s-Snow r-Rain & Snow e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF January February 1936SHEET 2OF 18 SHEETS

January 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.

February 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	44	101	115						5	6	7	8	9
1																				
2	.03		.06																	
3		.02-s	.01	.05-s	.03-s	.04-s	.01-s	.01-s								.05-s	.02-s		.01-s	.02-s
4	.10	.02-s	.05		.02-s															
5	.27	.15-s	.10	.15-s	.02-s		.12-s	.08-s										.11-s	.15-s	.10-s
6	.10	.15-s	.07	.18-s	.20-s	.10-s	.15-s	.15-s	.28-s							.24-s	.15-s	.20-s	.15-s	.12-s
7		.02-s		.05-s		.21-s	.11-s	.03-s								.05-s	.08-s	.10-s	.05-s	
8	.12	.12-s	.08		.15-s	.11-s										.07-s	.10-s	.10-s		
9	T	.06-s	.01	.06-s	.22-s	.06-s	.07-s	.15-s								.17-s	.15-s	.15-s	.15-s	
10			.01	.12-s	.12-s		.12-s	.01-s								.12-s	.12-s	.12-s	.07-s	
11			.27																	
12	.19	.15-s		.15-s	.17-s	.31-s	.12-s	.21-s	.06-s							.12-s	.13-s	.25-s	.01-s	.15-s
13	.03	.35-s	.07	.25-s	.31-s	.17-s	.20-s	.30-s	.18-s							.21-s	.29-s	.34-s	.30-s	.20-s
14			.03						.01-s											
15																				
16																				
17																				
18	.10	.02-s	.11	.07-s	.02-s	.02-s	.02-s		.02-s							.11-s	.20-s	.22-s	.13-s	.11-s
19	.05	.18-s	.05	.10-s	.14-s	.10-s	.08-s	.13-s	.08-s							.11-s	.20-s	.22-s	.13-s	.11-s
20																				
21	.33	.12-s	.10	.10-s	.15-s	.11-s	.12-s	.13-s	.02-s							.13-s	.15-s	.13-s	.13-s	
22		.17-s	.11		.15-s	.07-s		.18-s	.20-s							.22-s	.16-s	.15-s	.13-s	.10-s
23																				
24	.05	.12-s	.12	.11-s	.10-s		.15-s	.06-s	.03-s							.05-s	.06-s	.06-s	.07-s	.08-s
25	.07	.11-s	.12	.08-s	.05-s	.05-s	.26-s	.03-s	.03-s							.03-s	.25-s	.25-s	.25-s	
26	T	.05-s	.05	.05-s	.17-s		.24-s	.04-s	.04-s							.02-s	.52-s	.15-s		
27	.12	.02	.05	.07	.13	.08	.03	.14	.08							.15			.15	.12
28	.10	.16	.15	.10	.15	.33	.14	.14	.15							.55	.29			.12
29	.05	.01		.15	.10		.02		.01							.01	.21	.60		.02
30																				
31																				
TOTAL	2.17	2.05	1.95	1.74-e	2.35	1.91	1.33	1.75-e	1.29							1.77	2.37	3.91	1.81	1.67

Recording Gage.-Cumulative amount for period indicated.

s-Snow r-Rain & Snow e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S. Wash.-1SHEET 2MONTH OF January & February 1936OF 10 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	10	19	20	27	28	31	35	36	42	43	101	110					
1																	
2	1.15-r	1.27-r	1.03-r	1.36-r	1.39-r	1.10-r	1.10-r	1.15-r	1.5-r	1.22-r	1.08						
3																	
4																	
5	1.00-r	1.17-r	1.16-r	1.13-r	1.13-r	1.13-r	1.13-r	1.13-r	1.13-r	1.13-r	1.13-r	1.13-r					
6																	
7																	
8	1.5-r			1.2-r	1.2-r				1.2-r	1.2-r							
9	1.0-s	.50-s	.35-s	.25-s	.25-s	.35-s	.35-s	.35-s	.35-s	.35-s	.35-s	.35-s					
10																	
11	.8	.6	.1	.6	.5	.6	.5	.8	.6	.6	.8						
12																	
13																	
14	1.33	.64	1.00	1.15	1.25	1.10	1.06	.31	.64	.22							
15																	
16																	
17	.10-s	.04-s		.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s					
18																	
19	.58-s	.16-s	.58-s	.39-s	.17-s	.35-s	.18-s	.10-s	.60-s	.58-s	.58-s	.58-s					
20																	
21	Notes:-																
22	"	"	"	"	"	"	"	"	"	"	"	"					
23	"	"	"	"	"	"	"	"	"	"	"	"					
24	"	"	"	"	"	"	"	"	"	"	"	"					
25																	
26																	
27																	
28	.20-s	.23-s	.13-s	.14-s	.13-s	.07-s	.13-s	.13-s	.12-s								
29																	
30																	
31																	
TOTAL	5.74	5.01	5.10	5.08	5.77	5.31	5.30	5.12	5.51	5.30	1.77						

deducted from record in 1936 at this station to be in line with continuing S.C.S. Pullman.

February 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	10	19	20	27	28	31	35	36	42	43	101	110					
1			.02-s														
2				.02-s													
3	.02-s		.01-s	.02-s				.12-s	.06-s	.12-s							
4	.12-s		.01-s		.12-s			.12-s	.12-s	.12-s	.01-s						
5	.10-s	.13-s	.12-s	.11-s	.15-s	.12-s	.12-s	.15-s	.15-s	.15-s	.15-s						
6	.38-s	.11-s	.12-s	.11-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s						
7	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s	.12-s						
8	.08-s	.09-s	.09-s	.09-s	.09-s	.09-s	.09-s	.09-s	.09-s	.09-s	.09-s						
9	.15-s	.12-s	.09-s	.09-s	.08-s	.10-s	.15-s	.08-s	.10-s	.10-s	.10-s						
10	.09-s			.01-s			.07-s										
11																	
12	.18-s	.12-s		.13-s	.08-s	.06-s	.15-s	.15-s	.10-s	.11-s	.38						
13	.25-s	.07-s	.26-s	.24-s	.20-s	.17-s	.12-s	.28-s	.06-s	.18-s	.15						
14																	
15																	
16																	
17																	
18	.08-s	.03-s	.01-s	.01-s	.11-s		.01-s	.02-s									
19	.13-s		.07-s	.12-s	.02-s	.07-s	.15-s	.10-s		.09-s							
20																	
21	.13-s	.35-s	.03-s	.11-s		.14-s	.11-s	.12-s	.32-s		.30						
22	.16-s		.02-s		.09-s	.05-s	.10-s	.06-s		.18-s	.15						
23				.02-s													
24	.08-s			.09-s	.08-s					.04-s	.01						
25		.08-s	.06-s	.03-s		.07-s			.16-s	.32-s	.01						
26					.11-s						.01						
27	.14	.05	.26	.09	.30	.15		.13			.03						
28	.53	.18	.26		.35	.13	.32	.25	.5		.02						
29	.05		.02			.23	.03	.26	.02	.01							
30																	
31																	
TOTAL	1.63	1.77	1.77	1.53	1.74	1.95	1.76	2.08	1.77	1.36	1.70						

*Recording Gage.-Cumulative amount for period indicated.

s-Snow r-Rain & Snow e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF March & April 1936

March 1936

SHEET 4
OF 10 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41						2	3	26	105	
1																	
2																	
3	.02	.01											.04		.05	.02	
4																	
5																	
6																	
7																	
8	.02	.02				.06	.05	.02					.02		.12	.02	
9	.29	.22	.12	.35	.2		.17						.20	.27	.2	.27	
10																	
11																	
12	.16-s	.13-s	.30-s	.30-s	.19-s	.16-s	.13-s						.16-s	.11-s	.20-s	.15	
13	.02-s												.02-s	.07-s	.05-s	.01	
14	.02-s	.12-s	.02-s	.11-s	.08-s	.13-s	.15-s						.02-s	.12-s		.09	
15	.30-s	.30-s	.30-s	.21-s	.20-s	.25-s	.0-s						.30-s	.20-s		.29	
16																	
17	.05												.07		.22		
18		.01														.02	
19																	
20																	
21																	
22																	
23	.03-s	.03-s											.03-s		.04-s		
24																	
25																	
26	.02-r	.01-r	.03-r										.03-r	.02-r	.06-r	.07	
27																.02-r	
28	.52-r	.59-r	.55-r	.78-r	.60-r	.50-r	.70-r						.52-r	.40-r	.45-r	.41	
29	.21-r	.18-r	.15-r	.11-r	.08-r	.08-r	.05-r						.21-r	.16-r	.21-r	.22	
30		.01					.03						.04		.11	.02	
31	.04			.02													
TOTAL	1.70	1.74	1.77	2.04	1.66	1.54	2.26						1.76	1.57	2.15	1.90	

April 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41						2	3	26	105	
1																.06	
2																	
3	.08	.05	.05	.03	.05	.05	.03						.07	.06	.08		
4																.05	
5																	
6																	
7																	
8																	
9																	
10																	
11	Notes:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22	.22	.15	.20	.22	.06	.13	.13						.23	.02	.02	.02	
23	.12	.21	.22	.10	.02	.12	.27						.10	.07	.12	.11	
24	.05	.05	.05	.20	.49	.27	.13						.13	.27	.23	.19	
25															.02	.22	
26													.02				
27															.03		
28															.01		
29	.07	.15	.13		.15	.06									.06		
30																	
31																.02	
TOTAL	.54	.61	.65	.42	.77	.63	.56						.50	.62	.67	.67	

Recording Gage.- Cumulative amount for period indicated.

s-Snow r-Rain & Snow

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1
MONTH OF March & April 1936

SHEET 5
OF 16 SHEETS

March 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	33	39	44	101	115				5	6	7	8	9
DATE																		
1	T				T													
2		.01																
3	.06		.02		.04		.04		.05					.10			.07	.09
4				.08		.01												
5																		
6																		
7																		
8	.32	.02	.18		.03		.05		.02					.17	.07	.07	.04	
9	.08	.30	.20	.40	.39	.46	.30	.40	.35					.07	.2	.26	.36	.25
10		.01	.01		.02		.02							.02				
11														.02				
12	.13	.11-s	.15	.20-s	.11-s	.12-s	.13-s	.21-s						.12-s	.15-s	.12-s	.12-s	
13	.15	.01-s	.04	.08-s	.08-s	.08-s	.04-s	.04-s						.05-s	.05-s	.05-s	.04-s	
14	.15	.05-s	.08	.25-s	.04-s	.15-s	.06-s	.07-s						.11-s	.05-s	.15-s	.20-s	
15	.10	.05-s	.12	.25-s	.04-s	.15-s	.06-s	.07-s						.15-s	.07-s	.15-s		
16									.16-s									
17	T		.02		.01													
18		.01		.05			.03	.01										.06
19																		
20																		
21	T				T													
22					T													
23	.03	.04-s	.02		.15-s	.12-s	.05-s	.02-s						.05-s	.12	.13	.02-s	
24	T																	
25																		
26	.08	.11-r	.05		.10-r	.11-r	.10-r							.06-r	.13-r	.05-r		
27	.52	.10	.23-r		.08-r		.21-r	.05-s						.06-r	.13-r	.05-r	.23-r	
28	.10	.35-r	.23	.14-r	.17-r	.18-r	.16-r	.15						.08-r	.15-r	.10-r	.10-r	
29	.17	.25-r	.25	.19-r	.19-r	.27-r		.06						.08-r	.13-r	.20-r		
30	T	.06	.30	.02				.16-s									.22	
31	.03	.20	.26			.21								.02	.15			
TOTAL	1.92	1.55	1.85	2.01	1.78	1.24	1.74	1.65	1.70					1.29	2.02	2.11	2.22	1.67

Record on file at State College of Washington.

April 1936

s-snow r-rain & snow e-estimate

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
	Paradise Creek								South Fork Palouse River									
DATE	12	16	17	31	32	33	39	44	101	115				5	6	7	8	9
1																		
2																		
3	.05	.08	.07	.07	.09	.05	.07	.02	.01-s					.08	.02	.05	.06	.05
4	.03								.02-s									
5																		
6																		
7																		
8																		
9				.01														
10																		
11	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																	
12	"	"	"	"	15	"	"	"	"	"	"	"	"	"	"	"	"	"
13	"	"	"	"	15	"	"	"	"	"	"	"	"	"	"	"	"	"
14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
15	all other stations are for the 24-hr. period ending 8:00 A.M.																	
16																		
17																		
18																		
19																		
20																		
21																		
22	.14	.18	.12	.14	.11	.13	.33	.05						.22	.14	.18	.16	.16
23	.19	.02	.02	.22	.13	.12	.01	.11	.12					.18	.16	.20	.39	.04
24	.06	.21	.16	.20	.25	.30	.01	.30	.05					.28	.28	.30	.24	
25									.13									.03
26	.03								.03									
27	.02	.03	.03	.12	.01			.12	.03					.05	.07	.02	.05	
28																.11	.02	
29		.07	.03		.07	.04	.15											.01
30																		
31																		
TOTAL	.52	.59	.43	.73	.69	.64	.57	.63						.53	.67	.51	.95	.55

*Recording Gage.-Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF March & April1936March 1936

SHEET 6
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	10	19	20	27	28	34	35	36	42	43	104	110					
1											T	.01					
2																	
3	.10	.17	.10			.05			.12	.01	.09						
4																	
5																	
6																	
7																	
8					.29				.65	.05	.21						
9	.10	.50	.30		.36	.30	.20	.30	.37	.35	.36						
10																	
11																	
12	.15-s	.16-s	.11-s	.11-s	.10-s			.12-s	.10-s	.12-s	.13-s	.10					
13	.05-s				.02-s	.05-s	.02-s										
14	.25-s	.06-s	.15-s			.10-s	.20-s	.03-s	.21-s	.06-s							
15		.13-s	.22-s	.16-s		.25-s	.07-s	.17-s	T	.11-s	.11						
16																	
17		.05			.09				.37		.01						
18	.05																
19																	
20																	
21																	
22																	
23	.05-s			.03-s	.25-s						.21-s						
24																	
25																	
26		.05-r			.10-r				.24-r	.01-r	.01						
27	.25-r	.09-r			.05-r	.17-r			.10-r	.12-r							
28	.65-r	.61-r	.61-r	.55-r	.53-r	.30-r	.50-r	.12-r	.50-r	.33							
29	.15-r	.37-r	.18-r	.35-r	.24-r	.35-r	.20-r	.21-r	.29-r	.28							
30		.35		.34		.07											
31	.02		.10	.2					T	.35	.01						
TOTAL	2.10	2.16	1.90	1.43	1.41	1.22	1.37	1.50	2.00	1.59	1.47						

Records from recording gages at this station to be included in a forthcoming S.C.S. Technical Publication.

April 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	10	12	20	27	28	34	35	36	42	43	104	110					
1																	
2																	
3	.07	.03	.04	.07	.06	.03	.05	.04	.08	.08	.01						
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11	Note: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																
12	"	"	"	"	"	16	"	"	"	"	"	"	"	"	"	"	"
13	"	"	"	"	"	17	"	"	"	"	"	"	"	"	"	"	"
14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
15	all other stations are for the 24-hr. period ending 5:00 A.M.																
16																	
17																	
18																	
19																	
20																	
21																	
22	.15	.10	.06	.2	.20	.09	.12	.09	.18	.20							
23	.11	.02	.22	.22	.12	.11	.07	.1	.03	.12	.11						
24	.20	.33	.25	.22	.12	.25	.23	.2	.15	.16	.12						
25	.05						.03	.02			.09						
26																	
27		.02		.03	.03	.03											
28																	
29		.21	.10		.08	.10	.04	.07		.06							
30																	
31				.02	.12												
TOTAL	.61	.30	.47	.66	.65	.61	.51	.50	.41	.53	.22						

according Gage,/-Cumulative amount for period indicated.

s-Snow r-Rain & Snow e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 7MONTH OF May & June 1936OF 19 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41					2	3	26	105			
1		.10			.25	.12						.21	.05	.06	.03			
2													.03	.02	.03			
3	.18	.18	.22	.10	.18	.20	.25					.21	.02	.32	.27			
4																		
5	.30	.16	.20	.15	.15	.17	.21					.33	.15	.14	.30			
6	.08	.15	.21	.20	.15	.23	.22					.07	.20	.02	.11			
7																		
8	Note:- Measurements from Station 12 are for the 2-hr. period ending 5:00 P.M.																	
9																		
10			"	"	"	"	"	"	"	"	"							
11			"	"	"	"	"	"	"	"	"							
12			"	"	"	"	"	"	"	"	"							
13																		
14	.07																	
15	.20	.27	.33	.07	.29	.31	.19					.21	.12	.33	.22			
16	.11	.15	.15	.35	.34	.25	.13					.37	.10	.15	.11			
17																		
18															.01			
19																		
20																		
21	.01			.09														
22																		
23																		
24																		
25																		
26																		
27																		
28	.06	.06		.27									.10	.02	.06			
29																		
30																		
31																		
TOTAL	1.06	1.41	1.21	1.15	1.38	1.28	1.03					1.16	1.60	1.59	1.35			

June 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41					2	3	26	105			
1	.10	.11	.10	.10	.10	.12	.10					.35	.13	.05	.13			
2																		
3	.41	.39	.52	.39	.40	.46	.40					.35	.32	.29	.27			
4															.03			
5																		
6																		
7	.51	.79	1.04	.76	1.16	1.10	1.49					.40	.14	.31	.67			
8															.40			
9																		
10																		
11	.10	.07			.06	.03	.08					.07	.11	.05				
12															.10			
13																		
14															.13			
15	.46	.51	.11	.12	.11	.11	.31					.67	.11	.37	.28			
16															.25			
17															.04			
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	1.58	1.87	1.77	1.35	1.83	1.80	2.38					1.58	1.47	1.07	2.10			

*Recording Gage.-Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF May & June 19 36SHEET 8OF 18 SHEETS

May 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
				Paradise Creek											South Fork Palouse River					
DATE	12	16	17	31	32	38	39	44	115						5	6	7	8	9	
1	.34	.07		.07	.33	.28	.17	.14							.02	.53	.19	.11	.35	
2	.02	.02	.01	.15			.32	.03							.32			.03	.02	
3	.20	.51	.27	.15	.04	.25	.36	.15							.06	.27	.04	.20	.25	
4	.05				.31	.36										.25	.21			
5	.05	.26	.32	.20	.31	.30	.38	.15							.33	.26	.28	.06	.33	
6	T	.22	.18		.04	.11		.32							.10		.15	.10	.15	
7																				
8	Note:- Measurements from Station 12 are for the 24-hr. period ending 2:00 P.M.																			
9						.16	"	"	"	"	"	"	"	"						
10						.17	"	"	"	"	"	"	"	"						
11																				
12																				
13																				
14																.13				
15	.15	.29	.21	.10	.15	.15	.26	.09							.23	.07	.12	.12	.11	
16	.05	.12	.09	.06	.09	.17	.10								.16	.11	.15	.06		
17																				
18																				
19																				
20																				
21																	.01			
22																				
23							.01													
24																				
25																				
26																				
27																				
28	T	.05		.05	.11	.11	.07	.09								.08	.11	.07	.08	
29																				
30																				
31				.10																
TOTAL	.66	1.56	1.17	1.36	1.88	1.73	1.37	1.57							1.40	1.59	1.00	1.35	1.59	

Record on file at State College of Washington.

June 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	44	115						5	6	7	8	9
1	.11	.07		.10	.18	.16	.08	.11							.10	.11	.18	.11	.10
2	.13		.02																
3	.15	.25	.16	.30	.32	.34	.30	.23							.30	.15	.34	.08	.27
4																			
5																			
6	.03																		
7	.33	.34	.15	.34	.75	.56	.38	.17							.13	.34	.75	.56	.57
8	.18		.08																
9																			
10																			
11		.16		.20	.20	.24	.16	.10							.16	.15	.20	.22	.12
12	.23		.09																
13																			
14	.19		.32																
15	.14	.58	.07	.56	.37	.39	.58	.32							.38	.33	.37	.29	.36
16	.10		.15																
17			.04																
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL	1.59	1.40	1.10	1.70	1.82	1.71	1.50	1.26							1.37	1.36	1.87	2.10	1.11

Recording Gage.-Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

PROJECT No. S.C.S.-Wash.-1
NAME South Fork Palouse River LOCATION Pullman, Washington.
MONTH OF May & June 19 36 May 1936

SHEET 9
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	10	19	20	27	28	34	35	36	42	43	45	102	104	110			
1	.10		.51	.04	.12	.15	.12	.15	.03	.03							
2	.03	.03	.10		.08	.15	.05	.06	.20	.01							
3	.30	.20	.29	.26	.25	.18	.25	.2		.26							
4																	
5	.18	.16	.25	.33	.10	.35	.20	.36	.30	.29							
6	.39	.10	.08	.05	.10	.09	.25	.09		.07							
7																	
8	Note: - Measurements from Station 10 are for the 24-hr. period ending 9:00 P.M.																
9																	
10																	
11																	
12																	
13																	
14																	
15	.12	.15	.08	.23	.25	.21	.12	.12	.30	.30							
16	.04	.12	.08	.12	.12	.10	.05	.10	.16	.17							
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28	.07		.05	.08	.08	.10	.09	.02		.05							
29																	
30																	
31																	
TOTAL	1.53	1.06	1.44	1.11	1.16	1.36	1.43	1.45	.99	1.18	-	-		.95			

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	10	19	20	27	28	34	35	36	42	43	45	102	104	110			
1	.12		.10	.08	.10		.10	.10		.05							
2																	
3	.27	.27	.26	.32	.35	.20	.34	.30	.31	.26							
4																	
5																	
6																	
7	.50	.11	.62	.32	.23	.19	.89	.75	.13	.31							
8																	
9																	
10																	
11	.12	.06	.10	.06	.20	.08	.10	.10	.12	.15							
12																	
13																	
14																	
15	.30	.38	.13	.14	.37	.36	.35	.12	.32	.35							
16																	
17		.02															
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	1.31	1.29	1.51	.92	1.26	1.13	1.78	1.67	1.18	1.12	-	1.15	.94				

*Recording Gage. - Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF July & August 1936SHEET 10OF 18 SHEETS

July 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41			2	3	26	46	47	105			
1																		
2	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																	
3							16											
4							17											
5																		
6																		
7	.09	.03								.08	.13	.05						
8																	.12	
9	.08	.07	.08	.02	.13	.02				.13	.16	.05					.07	
10	.01																.10	
11																		
12																		
13	.09	.03	.06	.13								.01	.01					
14																	.03	
15																		
16																		
17																		
18																		
19																		
20												.01						
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	.26	.13	.11	.15	.13	.08	-			.21	.34	.13				.32		

August 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41			2	3	26	46	47	105			
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18						.09												
19																		
20																		
21																		
22																		
23																		
24						.01						.02				.02		
25																.01		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	0.00	0.00	0.00	0.00	.09	.01	0.00			0.00	.02	0.00	-	-		.03		

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington,
Demonstration Project

PROJECT NO S.C.S.-Wash.-1

SHEET 11

MONTH OF July & August 1936

OF 13 SHEETS

July 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Paradise Creek								South Fork Salouse River				
	12	16	17	31	32	38	39	44	115				
DATE													
1													
2													
3	.01												
4													
5													
6													
7		.05		.17	.21	.23	.07	.20					
8	.16		.03										
9	.17	.10	.04	.05	.20	.20	.10	.16					
10		.01	.01		.13	.09	.01	.02					
11													
12													
13		.01					.01						
14	T												
15													
16													
17													
18													
19													
20		.01											
21													
22													
23	T												
24		.01											
25													
26													
27													
28													
29													
30													
31													
TOTAL	.34	.19	.08	.26	.15	.17	.19	.10				.11	.67

August 1936

STATION	NO.										NO.					NO.					NO.				
	12	16	17	31	32	38	39	41	115																
DATE																									
1																									
2	T																								
3		.01	T																						
4																									
5																									
6	T																								
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24					.07		.01							.10	.10	.10	.05								
25	T																								
26		.01					.01																		
27																									
28																									
29																									
30																									
31																									
TOTAL	0.00	.02	0.00	0.00	.07	0.00	.02	0.00						0.00	.10	.10	.10	.05							

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

MONTH OF July & August 19 36

SHEET 12
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	10	19	20	27	28	34	35	36	42	43	45	102	104	110			
DATE																	
1																	
2																	
3																	
4																	
5																	
6																	
7	.20	.07	.11	.02													
8																	
9	.15	.17	.17	.02	.18	.10	.15	.17	.06			.18	.02				
10		.03										.10	.02				
11																	
12																	
13																	
14				.06													
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	.35	.27	.28	.10	.18	.10	.33	.37	.06	-	-	.32	.17				

August 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	10	19	20	27	28	34	35	36	42	43	45	102	104	110			
DATE																	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24	.07							.05				.05					
25																	
26		.01															
27																	
28																	
29																	
30																	
31																	
TOTAL	.07	.01	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	-	.05	0.00				

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC SECTION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

SHEET 13

MONTH OF September & October 1936

September 1936

OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	41		2	3	26	46	47	105		
DATE																
1																
2	1.25	1.33	1.38	1.20	1.23	.97	1.25		1.08	1.17	1.18					
3																
4	.01	.02				.01	.13		.06	.16	.03					
5																
6																
7	Note:- Measurements from Station 18 are for the 24-hr. period ending 11:00 P.M.															
8																
9																
10																
11																
12	.01								.03	.05	.03					
13																
14	.10	.12	.10	.05	.09	.06	.32		.10	.12	.11					
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
TOTAL	1.37	1.47	1.48	1.25	1.33	1.03	1.70		1.27	1.50	1.35	-	-	-	1.35	

October 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Fourmile Creek										Missouri Flat Creek								
DATE	22	25	29	30	33	40	41		2	3	26	46	47		105				
1																			
2																			
3																			
4	.01		.10	.05	.05	.06					.03	.10	.05	.06					
5														.03					
6																			
7																			
8																			
9																			
10																			
11		No Record																	
12																			
13																			
14	.03		.12	.11	.11	.14					.35	.05	.11						
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL	.09	-	.22	.16	.16	.20	-		0.00	-	.38	.15	.16	.16					

*Recording Cage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration ProjectPROJECT NO. S.C.S.-Wash.-1SHEET 11MONTH OF September & October, 1936OF 18 SHEETS

September 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	38	39	11	19	115				5	6	7
DATE																
1	.22		.35													
2	.68	1.22	.68	1.06	1.01	1.05	1.05	.88						1.06	.79	.83
3	.07		.11													
4		.05	.01	.05	.11	.11	.01	.02						.02	.10	.09
5	.08															
6	Note: Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.															
7																
8																
9																
10																
11																
12	.03	.05		.02	.06	.06	.02	.09						.06	.11	.05
13	T		.04													
14	.08	.11	.04	.08	.12	.15	.12	.07						.10	.17	.15
15	.02		.02													
16																
17																
18																
19																
20																
21																
22																
23																
24																
25	T															
26																
27																
28																
29																
30																
31																
TOTAL	1.18	1.13	1.26	1.21	1.30	1.13	1.21	1.06						1.18	1.12	1.16
														1.02		.99

October 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	38	39	11	19	115				5	6	7
DATE																
1																
2																
3																
4	.07	.02	.02		.11	.17	.05	.10						.13	.15	.13
5					.04										.01	
6																
7																
8																
9																
10																
11																
12																
13																
14	.05	.31		.28	.12	.15	.17	.15	.36					.12	.15	.13
15	.18		.37												.05	.25
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
TOTAL	.30	.36	.39	.28	.30	.32	.20	.25	.36					.12	.28	.28
														.19		.21

Recording Gage.

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF September & October 1936

September 1936

SHEET 15OF 16 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	10	19	20	27	28	34	35	36	42	43	45	102	104	110				
1																		
2	.66	.99	1.04	1.24	1.06	1.03	.87	.78	1.03	1.22			.06					
3													.66					
4	.06	.11	.11	.01	.11	.11	.10	.09	.07	.02			.11					
5													.08					
6																		
7																		
8													.72-e					
9																		
10																		
11																		
12	.05	.03	.05	.01	.02	.03			.02	.01	No		.04	.02				
13														.03				
14	.03	.10	.12	.09	.03	.09	.09	.10	.10	.10			.09	.03				
15																		
16																		
17	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																	
18		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
19		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
20		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	.80	1.23	1.32	1.35	1.22	1.26	1.06	.97	1.22	1.35	-	.66-e	.99					

October 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	10	19	20	27	28	34	35	36	42	43	45	102	104	110				
1																		
2																		
3																		
4		.05	.06	.02		.03	.07	.06			.10	.08	.02					
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14		.25	.21	.27	.30	.30	.22	.20		.43	.16							
15													.17	.13				
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	-	.34	.27	.29	.30	.33-e	.29-e	.26	-	.43	.28	.25	.15					

*Recording Gage. - Cumulative amount for period indicated.

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 16MONTH OF November & December 1936OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	41			2	26	46	47	105			
DATE																	
1																	
2																	
3																	
4	.08-s	.23-s		.09-s	.11-s					.22-s	.05-s	.11-s		.08			
5	.05-s	.03-s	.13-s	.01-s	.25-s	.15-s	.26-s			.10-s	.25-s	.10-s	.28-s	.18			
6																	
7																	
8	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17	.01	.01	.09	.09			.01										
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	.14	.27	.22	.22	.16	.15-s	.27-s			.32	.11	.23	.29	.27			

December 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	41			2	26	46	47	105			
DATE																	
1																	
2																	
3																	
4	.03-s	.10-s	.07-s	.10-s	.10-s					.01-s	.06-s	.07-s					
5	.09-s	.11-s	.10-s	.01-s	.12-s					.15-s	.10-s	.27-s	.10-s				
6	.31	.15	.28-s	.23	.11-s					.31-r	.20-s	.27-s	.10-s				
7	.22	.22	.27	.22	.23	.67-r	.30-r			.31-r	.21	.20	.23	.17			
8	.32	.01	.10	.05	.23					.21	.21	.07	.07-s	.23			
9	.28	.23	.20	.26	.20	.27	.30			.27	.23	.23	.27	.22			
10																	
11																	
12																	
13	.13	.12	.21	.27	.11	.10	.11										
14																	
15																	
16	.09	.10-s	.05	.09						.10-r							
17	.06	.06-s	.05	.15	.34-r	.10-r	.24-r			.21-r	.09	.13-r	.21-s	.08-s			
18																	
19																	
20																	
21	.26	.27	.25	.25	.24	.26	.27			.21	.31	.25	.28				
22																	
23	.05	.23	.03	.03	.11												
24	.51	.50	.22	.22	.27	.15											
25	.05	.02	.29	.18	.21	.18	.60			.60	.48	.09-s	.12	.11			
26																	
27																	
28						.10-s	.11-s	.13-s									
29																	
30																	
31	.05-s	.30-s	.03-s	.11-s						.15-s	.05-s						
TOTAL	2.24	2.35	2.51	2.75	2.57	2.19	2.45			2.28	2.21	2.29	2.61	2.51			

Recording Gage. - Cumulative amount for period indicated.

s-Snow r-Rain & Snow

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 17MONTH OF November & December 1936

November 1936

OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	33	39	44	49	115				5	6	7	8	9
DATE																		
1			T-s															
2																		
3																		
4	.08	.05-s	.04		.12-s	.11-s	.03-s							.08-s	.11-s		.12-s	.05-s
5	.11	.12-s	.06		.14-s	.17-s	.17-s	.15-s	.16-s					.07-s	.13-s	.32-s	.12-s	.12-s
6	.05	.02			.03	.03	.02		.02					.02	.02	.03		
7																		
8	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:30 P.M.																	
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17	T				.02	.02	.01									.03	.02	
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	.24	.19	.10	.11	.34	.36-s	.19	.15-s	.18-s					.17	.30	.38	.25	.17

December 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Paradise Creek												South Fork Palouse River					
DATE	12	16	17	31	32	38	39	44	49	115				5	6	7	8	9
1																		
2																		
3																		
4	.08	.04-s	.09		.07-s	.06-s	.03-s		.06-s					.10-r		.02-r	.03-s	
5	.19	.13-s	.11		.36-s	.36-s	.12-s	.20-s	.02-s					.15-r	.03-s	.02-r	.03-s	
6	.26	.23-s	.22		.36-r	.33-s	.32-s	.32-s	.33-s					.17-r	.10-r	.20-s	.11-r	.03-r
7	.26	.26	.17		.20	.22	.23	.21	.22	.53				.77-r	.50-r	.20-r	.20-r	.31
8	.17	.02			.05	.02		.04	.04	.03-s				.30	.02	.03	.03	.05
9	.25	.17	.20		.38	.42-s	.47-s	.28	.10	.30				.12-s	.10-s	.03-s	.03-s	.29
10																		
11																		
12																		
13					.02	.01	.05	.01										
14	T																	
15																		
16	.09	T			.16-s	.13-s	.10-s	.10-s	.13					.12-s	.03-s	.03-s	.03-r	
17	.10	.10-s	.25		.15-r	.08	.05-s	.13	.02-s					.15-r	.03	.25	.08-r	
18																		
19																		
20																		
21	.16	.27	.05		.34	.28	.29	.29	.32	.37				.25	.29	.32	.21	.30
22	.11																	
23	.05																	
24	.15		.39		.18-r	.31-r		.11-s	.17					.12		.08	.13	
25	.02	.11-s	.01		.31	.35-s	.17	.01-s						.15	.04	.55		
26		.03																
27	T																	
28	.16		.04		.15-s	.10-s	.78-s	.11-s	.11-s	.06-s								
29	T		.02															
30																		
31	.05	.11-s	.06											.15-s	.31-s	.15-s	.11-r	.11-r
TOTAL	2.73	1.91	2.00	2.51	2.86	2.98	2.22	2.11	2.01					2.07	2.22	2.30	2.70	2.00

* Recording Gage.- Cumulative amount for period indicated.

s-Snow r-rain & snow e-Drizzle

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF November & December 1936SHEET 16OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	34	35	36	43	45	102	104	110				
1																
2																
3																
4	.05-s		.06-s		.05-s			.07-s	.07-s	.06	.02					
5	.05-s	.17-s	.00-s	.16-s	.05-s	.17-s	.21-s	.06-s	.07-s	.08	.03					
6	.03				.03					.01	.02					
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17	T		.02					T								
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
TOTAL	.13	.17	.11	.16-e	.13-e	.17-e	.21	.13	.16	.15	.07					

Note: - Measurements from Station 10 are for the 2-hr. period ending 5:00 P.M.

all other stations are for the 2-hr. period ending 6:00 A.M.

Records from recording gauge at this station to be included in a forthcoming S.C.S. annual publication.

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	34	35	36	43	45	102	104	110				
1																
2																
3																
4	.12-s							.10-s	.07-s							
5	.20-s							.20-s	.20-s	.25-s	.15-s					
6	.16							.53-r	.23-s	.31-s	.12-s					
7	.30	.30-r	.78-r	.76-r	.30-r	.20	.60-r	.28	.07	.22	.25					
8								.05	.07	.04	.04					
9	.17	.35	.22	.36	.12	.30	.35	.33	.40	.40	.15					
10																
11																
12																
13			.01	.01				.02								
14																
15																
16			.15-s					.12-s	.10-r							
17	.17-r	.10-s	.05	.13	.25-r	.10-r	.20	.07		.01-s	.03-s					
18										.01-s	.08					
19																
20																
21	.21	.23	.24	.33	.19	.20	.30	.31	.22							
22										.19	.17					
23																
24	.40							.35	.11	.42	.41	.40				
25		.45	.49	.49	.36	.51	.20	.09		.01	.01					
26																
27																
28					.15-s	.33-s	.45-s	.11-s	.11-s	.27-s	.01-s					
29										.09-s	.05-s					
30											.05-s					
31	.27-s	.30-s	.07-s	.11-s						.02-s						
TOTAL	2.30	2.33	2.01	2.21	1.95	2.32	2.55	2.29	2.11	2.50	1.80					

*1. -ing Gage. -Cumulative amount for period indicated.

s-Snow r-Rain & Snow

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF January & February 1937

January 1937

SHEET 1OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41	2	26	26	27	105					
1																	
2																	
3	.10				.12	.16					.05	.02					
4																	
5	.28	.39			.24				.19		.50	.18					
6	Note:- Measurements from Station 12 are for the 24-hr. period ending 8:00 A.M.																
7																	
8																	
9																	
10	8:00 A.M.				.10												
11																	
12																	
13																	
14	.73	.76															
15	.62	.62															
16																	
17	.19	.19															
18																	
19	.02	.02															
20																	
21																	
22	.18	.18															
23																	
24	.16	.16															
25	.06	.06															
26	.27	.28															
27	.19	.10															
28	.11	.11															
29																	
30																	
31																	
TOTAL	2.87-s	2.93-s	-	-	3.73-s	2.80-s	-	-	2.50-s	5.78-s	1.01-s	-	-	-	-	-	-

February 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41	2	26	26	27	105					
1	.05-s	.05-s															
2																	
3	.15-s	.15-s															
4	.19-s	.17-s															
5																	
6																	
7																	
8	.13-s	.12-s	1 to 18	1 to 18	.27-s												
9																	
10																	
11	.10-s	.28-s	February 1 to 18	February 1 to 18	.21-s												
12	.34	.36															
13																	
14	.11-s	.11-s															
15																	
16	.12-s	.07-s															
17	.13-s	.11-s															
18																	
19																	
20																	
21	.50-r	.50-r	1 to 18	1 to 18	.50-r	.50-r	.24-r										
22																	
23																	
24																	
25																	
26																	
27	.52-r	.48-r	.70-r	.70-r	.38-r	.15-r	.87-r										
28																	
29																	
30																	
31																	
TOTAL	2.67	2.53	-	-	1.94	3.26	-	-	3.29	5.60	3.75	3.76	-	-	-	-	-

*Recording Gage.|-Cumulative amount for period indicated.

s-Snow r-Rain & snow.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.

PROJECT NO. S.C.S.-Wash.-1

MONTH OF January & February 1937

January 1937

SHEET 2
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	38	39	44	49	115							
DATE	12	16	17	31	32	38	39	44	49	115							
1																	
2	.03		.01														
3		.03	.04		.11	.06										.15	
4	.31		.04														
5		.13	.08	.27	.46	.56	.27	.37	.27							.55	.37
6					.03												
7																	
8																	
9																	
10					.27	.16											
11																	
12																	
13	.67		.51			.30											
14	.16	.70	.20		.57	.19											
15	1.03	.56	.11	.28	1.09	.11											
16		.22			.13	.13		1.65									
17	.19	.13	.36		.16	.11											
18	.10		.36			.20											
19		.26	.16		.15	.03	1.26	.78	1.06								
20																	
21	.08		.16														
22	.18	.21	.16	.27	.25	.11	.23		.23							.65	.17
23	.22	.10	.24		.07	.11	.05		.35							.12	.23
24					.11	.11	.11		.29							.32	.30
25	.07	.10	.06			.36										.13	.06
26	.11		.11			.52										.35	.15
27		.16	.11		.57	.08		2.20								.22	.16
28	.09	.10	.02	.36	.29	.08	.25		.36							.22	.16
29	.01		.01														
30																	
31	.15																
TOTAL	3.60-s	3.07-s	3.57-s	3.16-s	2.57-s	3.59-s	3.16-s	5.00-s	3.16-s							6.00-s	3.60-s

Record for Pullman State College of Washington.

No Record

No Record

No Record

February 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	38	39	44	49	115							
DATE	12	16	17	31	32	38	39	44	49	115							
1		.16-s			.08-s	.08-s				.15-s						.15-s	.17-s
2	.05	.04-s	.05			.08-s				.03-s							
3	.16	.03-s	.15			.16-s				.11-s						.11-s	.12-s
4	.10	.10-s	.05		.10-s	.11-s		.20-s	.13-s							.11-s	.11-s
5	.11	.13-s			.13-s	.13-s		.13-s	.13-s							.13-s	.13-s
6						.13-s											
7	.12	.10-s	.05			.10-s											
8	.15	.15-s	.20	.22-s	.31-s	.26-s	.22-s	.10-s									
9																	
10					.16-s	.05-s				.13-s							
11	.19	.21-s	.37	.23-s	.62-s	.90-s	.23-s	.17-s	.22-s								
12	.09	.10	.12	.15	.09	.11	.15		.06							.20-s	.23-s
13																	
14	.12	.70-s	.25	.20-s	.13-s	.52-s	.20-s	.28-s								.27-s	.25-s
15		.50-s															
16	.05	.22-s	.10		.12-s	.55-s			.35-s								
17	.17	.18-s	.10		.13-s	.53-s		.07-s	.12-s							.12-s	.10-s
18	.20	.26-s	.30		.77-s	.50-s	.33-s									.12-s	.30-s
19				.33-s													
20	.03		.15		.12-s												
21	.16	.50-r	.51	.58-r	.61-r	.104-r	.50-r	.71-r								.50-r	.75-r
22	.7		.01														
23																	
24																	
25																	
26																	
27	.68	.68-r	.68	.70-r	.61-r	.72-r	.55-r	.78-r								.67-r	.69-r
28																	
29																	
30																	
31																	
TOTAL	2.77	4.25	2.99	2.91	5.58	6.37	2.81	2.11								5.61	3.25

*. Missing Gage. - Cumulative amount for period indicated.

s-Snow r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.O.S.-Wash.-1MONTH OF January & February 1937SHEET 3OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	31	36	36	43	45	102	104	110					
1										.02							
2																	
3	.04	.12	.01			.12	.12	.07		.02	.01						
4											.01						
5	.28	.31	.20	.27		.11	.12	.11		.27	.19						
6																	
7																	
8										.01							
9																	
10		.10				.10	.10				.02						
11										.02							
12																	
13								.65		.05	.10						
14	.49		.56							.28	.23						
15	.41	1.23				1.18	1.20	.12		.27	.33						
16	.23							.28		.20	.58						
17		.6	1.03					.15		.11	.35						
18	.24	.11	.18					.12		.02	.04						
19	.01	.11	.13	1.00						.11	.02						
20										.01							
21										.01							
22	.28	.21	.32	.23			.33	.22		.21							
23	.07	.13	.15	.15			.17	.17		.11							
24		.18	.38	.29			.18	.07		.13							
25	.22		.10					.35		.23							
26			.23					.95		.10							
27	.10							.19		.08							
28		.32	.10	.36			.12	.27		.07							
29																	
30											.62						
31																	

TOTAL 2.40-s, 3.58-s, 3.20-s, 3.16-s - 3.13-s, 3.35-s, 2.70-s - 1.72-s, 2.10-s

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	31	34	35	36	43	45	102	104	110				
1		.16-s	.13-s			.21-s					.02-s	.23-s					
2						.12-s	.12-s	.12-s			.02-s						
3	.12-s	.11-s	.11-s			.12-s	.12-s	.12-s			.11-s	.11-s					
4	.02-s	.11-s	.11-s			.12-s	.12-s	.12-s			.11-s	.11-s					
5	.19-s	.13-s	.13-s			.12-s	.12-s	.12-s			.11-s	.11-s					
6																	
7																	
8	.27-s	.15-s		.22-s		.12-s	.12-s	.12-s			.11-s	.11-s					
9			.35-s								.11-s	.11-s					
10											.11-s	.11-s					
11	.17-s	.20-s	.40-s	.29-s		.12-s	.12-s	.12-s			.05-s	.13					
12	.26	.22	.32	.15				.13			.29	.20					
13																	
14		.22-s	.22-s	.20-s		.12-s	.12-s	.12-s			.24-s	.03-s					
15												.02-s					
16	.22-s	.12-s	.04-s								.01-s	.11-s					
17		.34-s						.21-s			.11-s	.11-s					
18	.50-s	.30-s	.33-s	.33-s				.73			.12-s	.11-s					
19											.01-s						
20																	
21	.66-r	.71-r	.60-r	.63-r	.61-r	.62-r	.62-r	.72-r	.63-r	.65-r	.68						
22											.02						
23																	
24																	
25																	
26																	
27	.44-r	.72-r	.60-r	.77-r	.77-r	.77-r	.77-r	.62-r	.65-r	.70-r	.54-r	.54-r					
28								.12-r			.13-r	.01					
29																	
30																	
31																	

TOTAL 2.85 3.16 3.38 3.23 - 3.00 3.22 3.16 - 2.50 2.81

*Recording Gage./- Cumulative amount for period indicated.

s-Snow

r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF March & April 1937

March 1937

SHEET 4
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41			2	26	46	47	105	116		
1											.02			.01-r			
2	.21	.21		.15	.22						.37	.25	.31	.35			
3	.02	.27		.17						.53	.36	.25	.25	.33			
4																	
5																	
6		.01									.01			.02			
7														.01			
8																	
9	.15	.16		.10	.06					.20	.15	.10	.29				
10														.15			
11			No Record														
12						No Record	No Record										
13	.06	.07		.12	.14					.06	.05	.10	.17				
14			No Record											.24			
15	.18	.33		.27	.16					.39	.30	.31	.19	.03			
16														.27			
17	.29-r	.22-r		.13-r	.15-r					.42-r	.43-r	.30-r	.43-r	.21			
18																	
19														.13-s			
20	.13-s	.12-s		.11-s	.14-s					.12-s	.16-s	.10-s	.21-s	.12-s			
21														.01-s			
22	.06	.16		.10						.10	.06	.20	.23				
23																	
24	Note: - Measurements from Station 12 are for the 2-hr. period ending 5:00 P.M.																
25																	
26																	
27																	
28																	
29																	
30	.10	.15		.25	.22					.37	.23	.20	.31	.15			
31										.37	.37			.17			
TOTAL	1.53	1.73	-	1.95	1.45	-	-			2.13	2.21	1.81	2.61	2.07			

Record of file at State College of Washington.

April 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41			2	26	46	47	105	116		
1	.16	.55		.56	.32		.62			.39	.52	.56	.57	.17			
2																	
3	.02	.02					.63			.02	.03	.03	.04	.03			
4	.13	.55		.65	.12		.66			.55	.13	.32	.39	.01			
5														.13			
6	.17	.15		.25	.51		.25			.11	.20	.12	.12	.07			
7														.24			
8																	
9																	
10	.37	.38		.15	.18		.15			.12	.55	.15	.51	.32			
11			No Record											.05			
12							.20					.50	.68	.02			
13	.59	.69		.73	.26					.55	.73			.61			
14	.78	.68		.95	.62		1.00			.55	.97	.90	.53	.16			
15			No Record											.31			
16														.02			
17														.02			
18														.01			
19																	
20	.15	.55		.17	.55		.12			.13	.56	.32	.55				
21	.32	.05		.06						.03	.02		.03	.52			
22														.02			
23																	
24																	
25																	
26																	
27					.22		.52					.33	.34				
28	.13	.20		.14						.17	.11			.08			
29														.25			
30																	
31																	
TOTAL	3.12	4.02	-	4.16	3.38	-	5.19			3.55	4.02	3.83	4.17	4.13			

* - Missing Gage. - Cumulative amount for period indicated.

s-Snow r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 5MONTH OF March & Aprilin 37

March 1937

OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	44	49	115						
1	.03	.02	.02		.03	.12	.01		.02					.93	.03	.02
2	.26	.20	.18	.18	.27	.22	.17	.13						.20	.30	.20
3	.20	.37	.32		.17	.37	.31	.25	.1					.28	.44	.28
4																
5																
6	T	.01	.01		.02	.02	T	.01						.04	.05	.1
7						.02										
8																
9	.07	.13		.02	.09	.07	.15	.18	.14					.20	.29	.29
10	.15		.11											.20	.29	.29
11																
12																
13		.06		.05	.10-s	.03-s	.06	.07	.07					.12	.15	.03
14	.09		.06													
15	.07	.50	.02	.16	.20	.8	.57	.35	.57					.30	.23	.30
16	.34		.02													
17	.2	.28-r	.2	.12-r	.29-r	.10-r	.11-r	.32-r	.28-r					.50-r	.31-r	.53-r
18	.34		.39													
19	.03															
20	.12	.15-s		.12-s	.11-s	.18-s	.12-s	.05-s	.17-s					.18-s	.18-s	.18-s
21	.01															
22	.16	.14		.10	.14-s	.1-s	.21	.36						.07	.26	.12
23	.30		.00													
24	T															
25	Note: Measurements from Station 12 are for the 24-hr. period ending 9:00 P.M.															
26				"	"	"	15	"	"	"	"	"	"	"	"	"
27				"	"	"	16	"	"	"	"	"	"	"	"	"
28				"	"	"	17	"	"	"	"	"	"	"	"	"
29				"	"	"	All other stations are for the 24-hr. period ending 9:00 A.M.									
30	.13	.25	.10	.22	.32		.2	.09	.11					.35	.29	.39
31	.16															
TOTAL	2.25	2.05	2.02	2.21	2.19	2.71	2.05	1.81	2.11					2.65	2.17	2.93

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	44	49	115						
1	.34	.38	.28	.60	.68	.75	.16	.55	.15					.37	.55	.26
2	.07		.03													
3	.01	.07	.03	.06	.10	.05			.03					.02	.10	.03
4	.25	.30		.37	.28	.33	.37	.20	.37					.50	.33	.25
5	.07		.37													
6	.15	.10	.11	.17	.17	.03	.13	.25	.15					.10	.29	.39
7																
8																
9	.27	.1	.21	.53	.16	.32	.51	.57	.51					.52	.11	.11
10	.10	.13	.11	.53	.16	.32	.51	.57	.51					.52	.11	.11
11	.12		.19													
12																
13	.18	.57	.55	.53	.19	.64	.61	.55	.55					.56	.55	.52
14	.36	.51	.57	.65	1.11	1.18	.79	1.03	.69					1.01	1.11	1.33
15	.65		.57												.93	1.06
16	T		.32													
17																
18																
19																
20	.23	.37	.36	.56	.23	.15	.53	.65	.55					.70	.65	.72
21	.36	.37	.36	.55	.23	.15			.03					.37	.66	.10
22																
23	.01															
24																
25			.01													
26																
27	.02	.08		.20	.31	.56	.12	.37	.12					.10	.11	.57
28	.19	.08	.03													
29	.02		.22													
30																
31																
TOTAL	3.81	3.33	3.13	4.17	4.29	5.01	3.54	4.17	3.15					4.05	4.11	5.28

*Recording Page. / - Cumulative amount for period indicated.

s-Snow r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

 NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project
PROJECT NO. S.C.S.-Wash.-1MONTH OF March & April

1937

SHEET 6OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	19	20	27	28	31	35	36	43	45	102	104	110					
DATE	19	20	27	28	31	35	36	43	45	102	104	110					
1		.03															
2	.19	.25		.28		.27		.02	.06	.01	.01						
3		.30	.58	.32		.34	.50	.29	.28	.30							
4																	
5																	
6	.01	T				T		T									
7																	
8																	
9	.30	.22	.16	.12		.27	.25	.15	.17								
10										.16	.21						
11																	
12																	
13	.09	.06	.06	.06		.12	.13	.08	.08								
14										.06	.01						
15	.16	.30	.12	.38		.12	.37	.33	.33	.23	.01						
16										.29	.37						
17	.30-r	.27-r	.22-r	.31-r		.30-r	.30-r	.29-r	.28-r								
18										.21	.12-r						
19										.21	.22-r						
20	.13-s	.12-s	.20-s	.16-s		.10-s	.12-s	.17-s	.13-s	.23	.27-r						
21																	
22	.03	.30	.02			.18-s	.18	.06	.21								
23																	
24	Note:- Measurements from Station 12 are for the 2-hr. period ending 3:00 P.M.																
25		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
26		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
27		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
28						all other stations are for the 2-hr. period ending 8:00 A.M.											
29																	
30	.21	.28				.22	.29	.10	.13	.23	.25						
31		.21	.30	.28		.12	.29	.23	.23	.23	.23						
TOTAL	1.85	2.21	2.02	1.90	-	2.30	2.11	2.25	1.98	1.85	1.29						

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	19	20	27	28	31	35	36	43	45	102	104	110					
DATE	19	20	27	28	31	35	36	43	45	102	104	110					
1	.67	.51	.38	.23		.7	.40	.62	.50	.2	.32						
2										.15	.10						
3	.04		.03	.03				.35	.01	.01	.02						
4	.27	.25		.39		.25	.22	.20	.21								
5										.21	.20						
6	.19	.24	.13	.15		.2	.12	.22		.09	.05						
7										.02							
8																	
9																	
10	.78	.75	.12	.51		.30	.40	.67	.41	.35	.20						
11										.24	.11						
12								.69	.50								
13	.51	.53	.57	.58		.60	.59		.19	.37							
14	1.02	.99	.28	.71		.92	.88	.62	.97	.11	.15						
15										.73	.70						
16										.01							
17																	
18																	
19																	
20	.65	.69	.50	.71		.79	.73	.74	.61								
21	.24	.03	.2			.05	.06	.05	.05	.58	.50						
22																	
23																	
24																	
25																	
26																	
27						.30	.21	.08	.19								
28	.15	.23	.21	.10						.21							
29										.12	.12						
30																	
31																	
TOTAL	4.32	4.23	3.53	3.36	-	3.92	3.71	4.21	3.42	3.20	3.03						

* Recording Gage.- Cumulative amount for period indicated.

s-Snow

r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 7MONTH OF May & June1937

May 1937

OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	41	48			2	26	16	17	105	116	
DATE																	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9	.05	.08	.10	.10	.10	.10	.10				.07	.05	.02	.02			
10	.29	.30	.29	.31	.35	.29	.41				.89	.89	.82	.75	.31		
11																	
12																	
13	.12	.13	.11	.11	.12		.11				.13	.10	.13	.15	.10		
14															.01		
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22	.01	.02									.01	.03		.02	.02		
23																	
24																	
25	.03	.07	.09	.07	.11	.20	.20				.08	.05	.11	.10	.01		
26															.35		
27																	
28	.02	.03			.05	.05	.05				.01	.01	.13	.02	.01		
29															.01		
30																	
31																	
TOTAL	.55	.63	.62	.62	.75	.69	.90				.60	.54	.77	.74	.61		

Station established June 1937

Report on file at State College of Washington

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	41	48			2	26	16	17	105	116	
DATE																	
1																	
2																	
3																	
4																	
5																	
6	.01			.02													
7																	
8																	
9																.25	
10																.25	
11	1.37	1.70	1.35	1.37	1.18	1.3	1.25	1.57				1.12	.87	1.30	.29		
12																	
13			.03	.02													
14	.01			.07	.25	.25		.01				.11	.03				
15																	
16																.25	
17																.30	
18																.06	
19																.35	
20	1.51	1.03	1.3	1.22	1.3	1.2	1.22	1.44				1.15	1.1	1.1	.3	.35	
21																.35	
22	.59	.15	.26	.31	.01	.1	.53	.50				.21	.24	.5	.1	.35	
23																.35	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	3.52	3.68	3.49	3.14	3.35	3.36	3.45	3.67				3.22	2.90	3.29	3.05		

*Recording Gage. - Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF May & June19 37

May 1937

SHEET 8
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	44	49	115					5	6	7
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9	T	.08		.06	.09	.10	.05	.05	.07						.07	.09	.13
10	.10																
11	.30	.31	.30	.22	.3	.2	.1	.2	.31						.27		.37
12																	
13	.15	.1	.10	.12	.17	.5	.10	.12	.10						.10	.17	.17
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21	.02		.02														
22		.03			.3	.01	.01		.01							.02	.03
23																	
24																	
25	.08	.08	.30	.37	.09	.13	.08	.09	.08						.03	.15	.09
26																	
27																	
28	.0	.02	.01	.05	.05	.02	.05	.05	.07						.03	.09	.10
29	T																
30			.05														
31																	
TOTAL	.59	.66	1.24	.02	.91	1.20	.54	.76	.2						.57	.2	1.01

June 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	44	49	115					5	6	7
1																	
2																	
3																	
4	T																
5																	
6																	.05
7	T																
8	T																
9	.04		.16														
10	.71		.72														
11	.04	1.36	.11	.39	.99	1.01	1.09	.85	1.10						1.04	.92	1.2
12			.01														.79
13																	
14	.04	.13		.11	.01	.02			.12						.02		.16
15	.05		.10												.10		
16	.17		.13														
17	.05		.04														
18	.38		.05														
19	.07		.18														
20	.13	1.53	.15	1.53	1.52	1.51	1.50	1.43	1.38						1.10	1.11	1.80
21	.07		.13														
22	.34	.74	.12	.61	.36	.12	.53	.53	.59						.59	.14	.13
23	.13		.21														.52
24																	
25																	
26																	
27																	
28																	
29	T																
30																	
31																	
TOTAL	2.92	3.83	3.17	2.94	2.98	3.06	3.21	2.86	3.09						3.15	2.77	3.65

Reading Gage.-Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF May & June19 37

May 1937

SHEET 9OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	31	35	36	43	45	102	104	110					
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9	.10	.08	.07	.10				.08	.08	.07							
10	.36	.30	.28	.31				.35	.33	.32	.31	.32					
11																	
12																	
13	.09	.10	.12	.10				.10	.12	.11	.10	.06					
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25	.05	.07	.05	.06				.07	.08	.09	.01						
26											.06	.03					
27																	
28	.04		.02	.03				.03	.05	.03	.02						
29											.02						
30																	
31																	
TOTAL	.64	.53	.58	.60	-	-		.60	.64	.67	.58	.16					

Records from recording gages at this station to be included in a forthcoming S.C.S. Technical Publication

June 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	31	35	36	43	45	102	104	110					
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9										.07							
10										.08	.06						
11	.92	1.05	1.25	1.11	.95	1.12	1.05	.99	.99	.59	.58						
12																	
13					.12			.02									
14	.10	.11	.10	.11	.27	.10	.10	.14									
15																	
16										.06	.11						
17										.35	.26						
18										.04	.02						
19										.22	.23						
20	1.54	1.45	1.45	1.45	1.55	1.46	1.47	1.47	1.40	.45	.58						
21										.27	.30						
22	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25	.25						
23										.25	.25						
24										.25	.25						
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	3.12	3.29	3.47	3.06	3.71	3.13	3.16	2.71	3.00	2.88	2.69						

*Recording Gage.- Cumulative amount for period indicated

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF July & August 19 37

SHEET 10
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Fourmile Creek									Missouri Flat Creek					
DATE	22	25	29	30	33	40	41	48		2	29	46	47	105	116
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13	.09	.12	.06		.11		.25			.03	.12	.11	.05		
14													.04		
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28	.20	.13	.35	.15	.21	.39		.16		.03	.25	.17	.23	.03	
29															
30															
31	.13	.11	.22	.16	.21			.25		.03	.12		.09		
TOTAL	.12	.36	.63	.31	.56	.39	.25	.53		.29	.40	.29	.33	.19	

Record on file at State College of Washington.

August 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Fourmile Creek									Missouri Flat Creek					
DATE	22	25	29	30	33	40	41	48		2	29	46	47	105	116
1	.16	.25	.12	.23	.21	.39	.20	.22		.20	.10	.08	.08	.13	
2															
3															
4															
5															
6															
7															
8															
9	.03	.03		.03		.10	.06			.12	.03	.12	.12	.03	
10															
11															
12															
13	.21	.21	.08	.13	.16	.06	.19	.09		.20	.32	.17	.20	.13	
14															
15															
16															
17															
18															
19															
20															
21															
22	.30	.29	.26	.15	.25	.27	.15	.18		.23	.19	.15	.15		
23															
24															
25															
26															
27															
28															
29															
30															
31	.05		.08	.08	.10	.05				.03	.02				
TOTAL	.75	.81	.84	.62	.75	.82	.65	.49		.70	.66	.44	.47	.52	

*. Ending Page.|-Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SCIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 11MONTH OF July & August 19 37OF 18 SHEETS

July 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
					Paradise Creek												South Fork Palouse River		
DATE	12	16	17	31	32	33	39	44	49	115							5	6	7
1		.07																	
2																			
3																			
4							1.02												
5																			
6	Note:- Measurements from Station 12 are for the 2-hr. period ending 2:00 P.M.																		
7																			
8																			
9																			
10																			
11																			
12																			
13	.11	.08	.07	.08	.13	.21		.15	.06								.06	.22	.15
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23					.01	.02		.03											
24																			
25																			
26																			
27																			
28	.02	.06	.09	.25	.03	.05		.03	.06								.17	.06	.06
29																			
30																			
31			.18	.14	.05	.09											.11	.09	.23
TOTAL	.23	.32	.30	.47	.23	.38	-	.18-e	.12								.37-e	.37	.29

August 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	33	39	44	49	115					5	6	7	8	9
1	.14		.09	.03	.22	.22		.22	.22						.20	.31	.20		
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9	.04	.06	.04		.16	.15	.03		.07						.10	.07	.07	.11	.14
10	.04		.01																
11					.01											.03			
12																			
13	.10	.23	.23	.12	.13	.16	.02	.17	.23						.06	.08	.09	.23	.15
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22		.18		.20	.21	.19	.25	.20	.27						.19	.15	.16	.12	.14
23	.17																		
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31		.01	.02		.1		.01		.02						.01				
TOTAL	.49	.51	.63	.44	.63	.66	.31	.59	.61						.35	.51	.66	.66	.14

*Recording Gage. / -Cumulative amount for period indicated.

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF July & August 19 37

July 1937

SHEET 12
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	34	35	36	43	45	102	104	110				
1										.08	.09					
2																
3	Notes:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.															
4																
5																
6																
7																
8																
9																
10																
11																
12																
13	.08	.06	.06	.06	.10			.03	.09	.04	.05					
14										.06	.03					
15																
16																
17																
18																
19																
20																
21																
22																
23	.01															
24																
25																
26																
27																
28	.10	.05	.11	.08	.12			.23	.02	.01	.02					
29																
30																
31	.13	.10			.12			.10	.02							
TOTAL	.32	.21-e	.82	.15	.32	-	-	.40	.19	.19	.21					

August 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	34	35	36	43	45	102	104	110				
1	.08			.21				.13	.15	.11	.30					
2										.02	.01					
3																
4																
5																
6																
7																
8																
9	.06	.06	.07	.02	.06			.24	.03	.02	.01					
10																
11																
12																
13	.13	.12	.26	.07	.12			.27	.19	.17	.14					
14																
15																
16																
17																
18																
19																
20																
21																
22	.21	.23	.15	.21	.23			.16	.10							
23										.07	.16					
24																
25																
26																
27																
28																
29																
30																
31	.06	.02	.04		.02			.07			.01					
TOTAL	.54	.43	.53	.60	.43	-	-	.87	.16	.12	.63					

*Re. Adding Gauge. - Cumulative amount for period indicated.

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

 NAME South Fork Palouse River LOCATION Pullman, Washington.
PROJECT NO. S.C.S.-Wash.-1SHEET 13MONTH OF September & October 1937OF 18 SHEETS

September 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	41	48		2	26	46	47	105	116	
DATE																
1																
2																
3																
4																
5																
6	.31	.35	.49	.35	.33	.45	.65	.40		.35	.22	.80	.58	.01		
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25	.01							.01								
26																
27																
28																
29																
30																
31																
TOTAL	.32	.35	.49	.38	.33	.45	.65	.41		.38	.22	.80	.58	.62		

Record on file at State College of Washington.

October 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	41	48		2	26	46	47	105	116	
DATE																
1																
2	.30	.25	.35	.33	.22	.13		.29		.28	.23		.20	.21		
3	.30	.31	.28	.22	.23	.23		.11		.17	.23		.30	.18		
4	.09	.11	.18	.22	.22	.18		.19		.09	.11		.05	.13		
5		.01		.03	.02	.18		.08			.21			.01		
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17	.13	.15	.11	.15	.23	.18		.14		.15	.16		.16	.16		
18																
19																
20	.06					.22		.27		.09	.05			.05		
21	.01															
22																
23																
24																
25																
26																
27																
28																
29	.23	.30	.38	.32	.25	.29		.21		.22	.13		.26	.13		
30	.08					.62		.34		.21	.21		.25	.22		
31	.13	.25	.12	.23	.13	.17		.26		.20	.13		.23	.23		
TOTAL	1.25	1.72	1.35	1.30	1.21	1.61	-	1.26		1.27	1.09		1.48	1.35		

No Record

Station 116 not used

*Recording Page.- Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.

PROJECT NO. S.C.S.-Wash.-1

MONTH OF September & October, 1937

September 1937

SHEET 14
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	44	49	115				
1			.02											
2														
3														
4	.13													
5	.36		.27											
6	T	.3	T	.50	.21	.80	.1	.60	.6			.30	1.06	1.03
7												1.52	.27	
8														
9	Notes:- Measurements from station 1 are for the 24-hr. period ending 11:00 A.M.													
10	n	n	n	n	n	n	n	n	n	n	n	n	n	n
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29	T													
30														
31														
TOTAL	.79	.43	.29	.50	.91	.80	.1	.60	.48			.30	1.06	1.03
												1.52	.27	

October 1937																				
STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.			
DATE	12	16	17	Paradise Creek			31	32	38	39	44	49	115			South Fork Palouse River				
																5	6	7	8	9
1	.18	.1	.18			.01	.03			.16									.1	
2	.23	.22	.17	.25	.17	.31	.21			.17							.28	.28	.13	.33
3	.19	.15	.16	.50	.34	.24	.20			.17							.18	.18	.15	.19
4	.03	.02	.09	.11	.05	.13	.09			.09										
5	.12		.01			.02	.01			.01							.20	.15	.1	.1
6						.02											.05		.09	
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14	T																			
15																				.01
16	.20	.11	.12			.1														.05
17	T		.02	.18	.20	.23				.1							.23	.31	.23	.19
18	T																			
19																				
20	.11	.07	.01	.10	.10	.10				.02							.08	.11	.08	
21										.01										
22																				
23																				
24	T	.01			.01															
25			.01																	.01
26																				
27																				
28																				
29	.11	.19	.17	.11	.21	.17				.17							.16	.30	.12	.1
30	.31	.21	.1	.25	.12	.22				.01										
31			.18	.25	.12	.37				.23							.40	.35	.13	.31
TOTAL	1.51	1.23	1.14	1.35	1.03	1.52	-	-		1.21						1.40	1.58	1.68	1.51	1.30

*Recording Gage. / - Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF September & October 1937

SHEET 15
OF 16 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	31	35	36	13	15	16	51	52	102	104	110	
1																
2																
3																
4																
5																
6	.52	.62	.26	.77	.62	1.22	.71	.20	1.36				.75	.51		
7													.57	.12		
8													.01			
9																
10	Note:- Measurements from Station 12 are for the 2-hr.										period ending 8:00 P.M.					
11											all other stations are for the 2-hr.					
12											period ending 8:00 P.M.					
13											all other stations are for the 2-hr.					
14											period ending 8:00 P.M.					
15											all other stations are for the 2-hr.					
16											period ending 8:00 P.M.					
17											all other stations are for the 2-hr.					
18											period ending 8:00 P.M.					
19											all other stations are for the 2-hr.					
20											period ending 8:00 P.M.					
21											all other stations are for the 2-hr.					
22											period ending 8:00 P.M.					
23											all other stations are for the 2-hr.					
24											period ending 8:00 P.M.					
25											all other stations are for the 2-hr.					
26											period ending 8:00 P.M.					
27											all other stations are for the 2-hr.					
28											period ending 8:00 P.M.					
29											all other stations are for the 2-hr.					
30											period ending 8:00 P.M.					
31											all other stations are for the 2-hr.					
TOTAL	.52	.62	.26	.77	.62	1.22	.71	.20	1.37		1.34	.63				

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	20	27	28	31	35	36	13	15	16	51	52	102	104	110	
1							.18	.04					.01	.02		
2	.29		.23		.32		.20	.25					.22	.23		
3	.21		.21		.32		.11	.26					.12	.03		
4	.04		.23		.11		.17	.05					.12	.10		
5	.02						.25	.25					.07			
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16													.01	.01		
17	.17		.11		.26		.21	.20					.21	.12		
18																
19																
20			.23		.26			.05					.05	.21		
21																
22																
23																
24																
25																
26																
27																
28																
29	.12		.21		.25		.20	.13					.11	.07	.10	.05
30								.22					.20	.21	.23	.26
31	.26		.12		.31		.35	.25								
TOTAL	1.26		1.16		1.49		1.50	1.45					1.43	1.11		

*Recording Gage.- Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 16MONTH OF November & December 1937OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41	48	106	2	26	47	105	116		
1																
2	Note:- Measurements from Station 12 are for the 24-hr. period ending 8:00 P.M.															
3																
4																
5																
6	.06			.23		.17				.07	.07	.12	.12			
7																
8	.71	.93	.50	.50	.70	.26		.65		.96	.75	.42	.73			
9	.02	.02		.02	.02			.02				.02	.02			
10																
11																
12	.25	.27	.30	.35	.20	.37				.20	.45	.25	.22			
13	.05	.08	.12	.30	.22	.12		.10		.03	.05	.03	.02			
14	.13	.57	.31	.35	.23	.36		.30		.10	.05	.10	.10			
15	.06	.15		.10	.27	.02		.09		.11	.02	.11	.20			
16	.01	.02				.07				.01	.02	.02	.02			
17																
18																
19	.03			.05				.02		.03	.02	.02	.02			
20	.27	.30	.12	.31	.25	.13		.22		.27	.23	.02	.33			
21	.07			.07		.02				.01	.05	.06	.06			
22					.15	.02						.01	.01			
23	.10	.13		.12	.12					.13	.02	.11	.15			
24	.23	.22	.12	.12	.29	.29		.26		.18	.20	.39	.31			
25	.27	.35	.11	.16	.21	.51		.21		.23	.25	.27	.26			
26	.29	.35	.32	.10	.10	.13		.10		.12	.10	.31	.31			
27	.21	.30	.09	.13	.09	.23		.20		.15	.10	.09	.02			
28	.37	.39	.32	.15	.13	.11		.10		.10	.15	.30	.15			
29											.03		.01			
30																
31																
TOTAL	3.50	4.18	2.03	3.93	3.47	4.06	-	2.87	-	3.20	3.38	3.79	4.05			

December 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41	48	106	2	26	47	105	116		
1																
2																
3																
4																
5																
6																
7																
8																
9																
10	.30-s	.35-s	.50-s	.75-s	.11-s	.20-s		.22-s	.33		.11-s	.36-s	.37-s			
11	.73	.62	.75	.70	.37-s	.30-s		.37-s	.56		.50	.50	.32			
12	.21	.21		.22	.25	.27		.20	.18		.23	.25	.27			
13	.01		.06	.02							.02					
14					.23	.07		.05	.05				.06			
15	.06		.02	.10	.17	.09					.02	.02	.02			
16	.22	.71	.22	.13	.25	.25		.21	.20		.21	.19	.08			
17	.07	.19		.15	.11			.20	.20		.12	.12	.31			
18	.13	.21	.23		.10			.21			.27	.22	.07			
19																
20																
21																
22																
23				.02	.12			.01			.02	.02	.02			
24	.01	.03			.21-s						.02	.02	.02-s			
25	.03	.02	.11	.02	.10-s			.05			.02	.02	.02-s			
26					.21											
27	2.05-s	2.37-s	1.17	2.150-s	2.00-s	1.05-s		1.70-s	1.28-s		1.97-s	1.61-s	1.81-s			
28	.11			.02	.02	.75-s		.20-s			.02	.02				
29	.02			.22				.01			.36	.05	.02			
30	.55	.58	.63	.60	.20	.75		.20	.50		.45	.02	.51			
31																
TOTAL	4.42	5.64	4.05	4.10	5.31	4.11	-	4.07	4.51		4.21	3.09	4.30			

*ording Gage.-Cumulative amount for period indicated

s-Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC SECTION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.

Demonstration Project

PROJECT NO S.C.S.-Wash.-1

MONTH OF November & December 1937

November 1937

SHEET 17

OF 18 SHEETS

[illegible][illegible]

*Recording Gages. - Cumulative amount for period indicated.

8-Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 18MONTH OF November & December, 1937OF 18 SHEETS

November 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	35	43	45	50	51	52	102	103	104	110			
1	Note: Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																
2																	
3																	
4																	
5																	
6	.20	.08	.10		.12		.16	.13	.16	.19	.16		.07				
7													.01				
8	.45	.77	.86	.30	.30	.75	.65	.71	.77	.77	.77		.77				
9	.22				.12	.17	.15	.25			.45						
10																	
11					.05												
12	.30	.32	.36	.70	.25	.10	.25	.25	.33	.34			Sta. 12	.21			
13	.06	.05	.07	.20	.18	.10	.50	.15	.02	.02			Est.	.08			
14	.30	.37	.45	.15	.32	.10	.10	.15	.51	.32				.29	.23		
15	.08	.03	.22		.20	.10	.17	.15	.17	.17				.08	.01		
16	.01	.01	.01			.03			.02					.01			
17																	
18																	
19	.01				.02				.02	.02				.02			
20	.30	.10	.27	.30	.10	.10	.10	.30	.30	.20				.22	.31		
21	.01	.01	.02			.01	.05	.05	.01	.01				.03	.01		
22					.10												
23	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10				.10	.10		
24	.10	.20	.30	.30	.30	.10	.10	.10	.10	.10				.30	.30		
25	.10	.32	.32	.27	.12	.10	.10	.20	.38	.30				.15	.30		
26	.09	.13	.13	.17	.11	.10	.10	.21	.10	.10				.20	.26		
27	.15	.20	.20	.17	.12	.10	.10	.16	.10	.10				.11	.12		
28	.35	.37	.40	.20	.32	.10	.10	.23	.13	.13				.25	.33		
29		.01															
30																	
31																	
TOTAL	3.75	3.40	3.93	2.90	3.67	3.30	3.58	3.51	3.71	3.70	-	-		3.02			

December 1937

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	51	52	102	103	104	110			
1																	
2																	
3																	
4		.01						.06		.03							
5	.08												.02				
6																	
7																	
8																	
9																	
10	.40-s	.30-s		.30-s	.40-s	.20-s	.20-s	.20-s	.20-s	.20-s			.36	.26			
11	.57	.01		.80-s	.80-s	.50-s	.70-s	.50-s	.60-s	.52-s			.10	.16			
12	.26	.16		.25	.22	.35	.30	.21	.20	.23			.20	.21			
13	.05			.03	.03	.03				.02			.02	.02			
14	.07	.06			.05	.10											
15				.17	.12	.10	.10	.05	.02	.02			.02	.22			
16	.31	.19		.33	.30	.10	.10	.21	.20	.23	.27		.10	.23			
17	.25	.25			.10	.11	.10	.11	.10	.25	.25		.13	.18			
18	.18	.02			.03	.13	.09			.12			.16	.20			
19																	
20																	
21																	
22																	
23		.02															
24		.01				.01-s				.01			.01	.01			
25	.08					.01-s				.17-s			.11	.03			
26						.06											
27	1.30-s	1.68-s		1.95-s	1.15-s	1.08-s	1.38-s	1.78-s		1.73-s			1.61-s	1.52-s			
28	.02	.07		.08		.02							.08	.05			
29	.02				.02	.02				.02			.01	.01			
30	.32	.51		.2	.22	.10	.10	.13		.30			.27	.26			
31	.03																
TOTAL	1.03	3.75	-	1.30	3.73	1.32	1.46-s	3.76	-	1.22	-		3.55	3.24			

*Recording Gage. - Cumulative amount for period indicated

s-Snow e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, WashingtonPROJECT NO. S.C.S.-Wash.-1MONTH OF January & February 1938

Demonstration Project

SHEET 1OF 18 SHEETS

January 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41	46	106	107	109	113	2	26	109	116	
1																	
2	Note: - Measurements from Station 106 are for the Clear Fork only; Station 107 are for the main fork.																
3																	
4																	
5																	
6																	
7				.01													
8																	
9																	
10	.02			.05													
11																	
12																	
13	.22-s	.26-s	.14-s	.02-s													
14	.21	.17	.07	.22													
15	.22	.17	.07	.10													
16	.12	.13		.30													
17	.12	.03															
18	.15-s	.21-s	.35-s	.30-s													
19	.27-s	.20-s	.20-s														
20																	
21	.08-s		.11-s	.01-s													
22		.36	.21	.05													
23																	
24																	
25																	
26																	
27																	
28																	
29	.15-s	.17-s	.17-s	.01-s													
30																	
31	.01-s			.01-s													
TOTAL	1.57	2.19	1.73	1.15	-	1.91	-	-	1.94	-	-	-	1.71	1.12	2.02	1.71	

February 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	41	46	106	107	109	113	2	26	109	116	
1									.03								
2	.27	.30		.33	.66	.37			.23	.22	.19	.09	.17	.03			
3	.03-s	.13-s		.10-s		.17-s			.15	.25	.08	.13	.06-s	.05-s		1.35	
4	.1			.12					.01								
5	.11-s	.11-s		.06-s		.13			.1	.1	.1	.08-s	.17-s	.11-s	.07		
6	.31	.23		.50	.10	.40			.25-s	.20-s	.10	.20-s	.3	.37	.31		
7	.15-s	.11-s		.10-s	.13-s				.11-s	.25-s	.1	.22-s	.25-s	.08-s	.15-s	.16-s	
8	.07-s			.12-s	.10-s				.11-s	.10-s	.10	.08-s	.07-s	.07-s	.05-s	.14-s	
9						.09					.01	.01-s			.08	.1	
10	.01			.16	.03				.05-s	.10-s	.02	.10-s		.01	.02		
11										.01							
12	.39-s			.25-s		.21-s			.76-s	.31-s	.53	.12-s		.72-s	.61-s	.33-s	
13					.10-s				.14-s	.11-s	.20	.09-s		.19-s	.01-s	.13-s	
14																	
15																.03	
16																	
17																	
18																	
19	.08-s			.20-s	.11-s	.11-s			.06	.07	.07	.10		.08-s	.11-s	.05-s	
20																	
21	.01	.07			.16				.01	.02	.01	.03		.03	.08	.1	
22																	
23											.10						
24					.09												
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	1.36	1.78	-	1.82	1.53	1.01	-	-	2.15	1.58	1.86	1.01	1.10	2.07	1.69	1.67	

*Recording Gage. Cumulative amount for period indicated.

s-Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 2MONTH OF January & February 1938OF 18 SHEETS

MONTH OF January & February 1933

January 1933

OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115				5	6	7	8	9
1	Note: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																		
2	" " Stations 12 and 37 are for the 24-hr. period ending midnight.																		
3	" " Station 17 are for the 24-hr. period ending in the morning.																		
4	" " all other stations are for the 24-hr. period ending 5:00 A.M.																		
5																			
6																			
7	T		T						.22										
8	T		.22						.13										
9																			
10		.01																.12	.15
11	.20			.17			.12												
12		.15																	
13	.35		.16	.23-s	.12-s	.10-s	.16-s	.02-s	.15	.17					.25-s	.19-s	.20-s	.20-s	
14	.18		.09	.27	.30	.75		.18		.16					.25	.22	.30	.29	
15	T	.12	.17	.29	.28		.13	.12		.12					.33		.27	.12	
16	.12	.09	T	.26	.21	.27		.06	.07	.17					.17	.18		.12	
17	.19	.17-s	.06			.17		.06	.10	.12					.16	.16		.02	
18	.12	.12-s	.10			.12-s	.12-s	.12-s	.12-s	.12-s					.20-s	.12-s	.12-s	.12-s	
19			.18			.23		.17	.12	.12-s					.12-s	.12-s	.12-s	.12-s	
20	.10								.12	.12					.12			.21	
21	.21	.05	.10	.12-s	.13	.37	.19	.12	.15	.17					.12-s	.25-s			
22		.12				.12			.12	.12					.12	.12		.12	
23																			
24																			
25																			
26																			
27																			
28			.17-s																
29	.15		.17			.25-s	.28-s		.16-s	.12-s	.16-s				.11-s	.20-s	.20-s	.15-s	
30																			
31		.07-s	.02			.25-s	.22-s	.20-s	.12-s	.01-s									.12-s
TOTAL	1.62	1.47	1.37	2.11	2.57	3.18	2.41	1.31	1.95	1.71					1.56	2.17	3.18	2.19	1.50

Record on file at Station 111 of Indian Res.

February 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115				5	6	7	8	9
1	.02	.17							.33	.02							.12		.11
2	.10	.06	.17	.35	.22	.21	.21	.11	.21	.15					.22		.12	.11	
3	.11	.02	.02	.15-s	.17-s	.14-s	.11-s		.12-s	.10-s							.10-s		
4		.06				.18			.01	.13									.08
5	.01		.03	.05-s	.02-s	.01	.13	.02	.12	.12							.12-s	.02-s	.01-s
6	.70	.57	.50	.39	.30	.67	.30	.45	.26-s	.22-s							.38	.57	.55
7	.07		.10	.30-s	.28-s	.12-s	.23-s	.12-s	.12-s	.12-s							.32-s	.31-s	.30-s
8	.03	.06-s	.02	.06-s	.23-s	.17-s	.12-s	.02-s	.08-s	.13-s							.25-s	.21-s	.01-s
9	T					.02													.03-s
10	.02								.02	.02								.11	.02
11		.10-s																	
12	.55		.78	.55-s	.25-s	.62-s	.71-s	.61-s	.59-s	.1-s							.65-s	.75-s	.62-s
13	T			.17-s			.18-s	.01-s	.12-s	.10-s									.12
14									.02										
15			.03																
16			T						T										
17																			
18																			
19	.11	.12-s	.36			.11-s	.14-s		.08-s	.32-s								.12-s	.07-s
20		.01																	
21	.03		T			.11	.10	.11	.03	.32	.32						.66		.01
22																			
23																			
24	.03					.01			.01									.03	.01
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL	1.79	2.09	1.73	2.12	2.63	2.25	1.93	1.58	2.01	1.73					1.71	1.61	2.77	2.16	1.77

*Recording Gage. Cumulative amount for period indicated.

s-Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration ProjectPROJECT NO. S.C.S.-Wash.-1SHEET 3MONTH OF January YEAR 1938OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	31	36	43	45	50	51	52	103	104	110	111			
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	2.20	1.53	1.85	1.50	2.15	1.93	1.32	1.70	-	1.87	1.70	1.67	-	-	-	-	-

February 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	31	36	43	45	50	51	52	103	104	110	111			
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	1.60	2.23	1.94	3.07	2.35	1.37	1.79	2.21	1.30	2.27	2.35	1.11	-	-	-	-	1.76

*Recording Gage. Cumulative amount for period indicated.

8-3000

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 4MONTH OF March 1930OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41	48	106	107	108	113	2	26	47	109	116
1																	
2	.11	.08	.10	.07	.12	.20	.05	.06	.12	.26	.17	.11	.10				
3	.22	.20	.11	.36	.25	.21	.19	.20	.26	.20	.15	.21	.21				
4																	
5	.20	.21	.22	.27	.12	.13	.28	.12	.29	.23	.11	.18	.21				
6	.21	.02		.05	.14	.15	.06	.12									
7																	
8																	
9																	
10				.20	.25	.05	.21										
11	.03				.12	.01	.21	.21	.07	.22	.02	.02	.27				
12	.05	.05	.09	.10	.10	.07	.01	.03	.03	.07	.22	.02	.28				
13	.03		.13	.02	.07	.11	.11	.11	.11	.11	.11	.11	.11				
14	.01	.10	.13	.13	.13	.13	.13	.13	.13	.13	.13	.13	.13				
15	.26	.22	.22	.22	.22	.22	.22	.22	.22	.22	.22	.22	.22				
16	.31	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32				
17	.00-s	.01-s			.11-s	.01	.01	.01	.01	.01	.01	.01	.01				
18	.11-s	.11-s	.11-s	.11-s	.11-s	.11-s	.11-s	.11-s	.11-s	.11-s	.11-s	.11-s	.11-s				
19	.25-s	.25-s	.25-s	.25-s	.25-s	.25-s	.25-s	.25-s	.25-s	.25-s	.25-s	.25-s	.25-s				
20					.02												
21	.05-s	.21-s		.09-s				.02	.02				.02-s	.02	.02-s		
22																	
23	.09-s	.11-s	.11-s	.21-s	.15	.15-s	.07	.16	.11	.07	.16	.11	.16-s	.17-s	.25	.11-s	
24	.05				.15								.02	.06			
25	.02	.05					.05	.03	.06	.01	.03		.02				
26																	
27																	
28		.03		.11			.03	.01	.05	.06			.01		.02-s		
29													.02				
30																	
31																	
TOTAL	2.15	2.67	2.41	3.35	-	3.29	-	2.15-s	2.82	-	1.90	2.57	1.97	2.89	2.70	2.10	

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41	48	106	107	108	113	2	26	47	109	116
1																	
2																	
3																	
4		.05			.12	.04		.06	.01	.05	.05	.02	.01	.07	.02		
5	.26	.11	.20	.27	.15	.25	.25	.22	.22	.22	.22	.22	.25	.21	.23	.23	
6		.01			.06									.03	.07		
7																	
8																	
9		.01			.05	.01		.02		.02	.05		.03				
10			.10										.01				
11																	
12	.01	.05	.02	.03	.02	.05	.11	.05	.01	.03	.03	.02	.01	.15	.01	.01	
13	.05	.06	.13	.15	.06	.10	.11	.09	.07	.05	.10	.07	.08	.15	.06	.08	
14																	
15																	
16	.10	.16	.20	.23	.15	.18	.18	.11	.13	.13	.12	.12	.11	.11	.12	.13	
17	.25	.27	.30	.29	.23	.26	.21	.21	.21	.16	.17	.20	.26	.23	.21	.23	
18	.13	.21	.10	.15	.21	.23	.33	.18	.23	.15	.17	.21	.22	.22	.26	.22	
19					.02												
20																	
21																	
22			.01														
23																	
24																	
25														.02			
26					.02												
27	Note: Measurements from Station 12 are for the latter period ending 5:00 P.M.																
28	Station 16 and 27 are for the latter period ending 5:00 P.M.																
29	Station 17 are for the latter period ending 5:00 P.M.																
30	All other stations are for the latter period ending 5:00 P.M.																
31																	
TOTAL	.88	1.26	.95	1.23	.95	1.23	1.30	1.82	1.21	.78	.21	.95	1.02	1.39	1.51	1.21	

*Recording Gage. Cumulative amount for period indicated.

s-Snow e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1
MONTH OF March & April 1938

SHEET 5
OF 18 SHEETS

March 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115							
1	.11	.12	.10															
2	T	.18		.13	.09	.07		.11	.09	.07						.07	.12	.11
3	.17			.21	.20	.20		.18	.15	.19						.20	.22	.15
4	.21		.19															
5		.23		.22	.11	.20		.21	.16							.11	.08	.02
6			.21	.05	.02	.07		.38	.10	.06								
7			.02															
8																		
9																		
10					.01			.15	.01							.10		.02
11	.07				.09													
12	.03	.03	.01	.09	.17			.02	.06	.09						.10	.13	.01
13	.01	.07	.02		.06			.01	.05	.01						.01	.05	.01
14	.20	.01	.01		.01			.01	.01	.01						.01	.01	.01
15	.28			.38	.01	.01		.01	.01	.01						.01	.01	.01
16	.08	.26		.01	.01	.01		.01	.01	.01						.01	.01	.01
17	.05			.01	.01	.01		.01	.01	.01						.01	.01	.01
18	.01	.01		.01	.01	.01		.01	.01	.01						.01	.01	.01
19		.01		.01	.01	.01		.01	.01	.01						.01	.01	.01
20	.01	.01		.01	.01	.01		.01	.01	.01						.01	.01	.01
21																		
22	.19	.08						.01	.01	.01								
23	.10	.05	.01		.32	.27	.15	.01	.01	.01						.01	.01	.01
24	.02		.03	.12	.13			.01	.01	.01						.01	.01	.01
25			.03	.01	.01	.01		.01	.01	.01						.01	.01	.01
26																		
27	.05																	
28	T	.01	.03		.05	.06		.01	.01	.01								.05
29	T																	
30	T																	
31																		
TOTAL	2.30	2.16	2.04	2.13	2.80	2.62	2.11	2.15	2.25	1.91						2.03	2.28	2.30

April 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115							
1																		
2																		
3	T																	
4	.58	.19	.12		.10	.07		.01	.09	.26						.29	.20	.33
5	.01		.06		.53	.50		.10	.59	.12						.51	.18	.01
6			.1					.01		.01								
7																		
8																		
9	.05	.01	.01			.09		T	.02	.02						.15		.02
10					.06			.03										
11																		
12	.13	.14	.12		.03	.03			.01	.01						.01	.03	.01
13	T	.01			.11	.11			.06	.06						.07	.03	.06
14																		
15	.01																	
16	.35	.13	.15		.19	.19		.10	.13	.14						.09	.22	.21
17	.32	.31	.26		.36	.38		.36	.26	.03						.33	.10	.50
18	.13	.09	.22		.01	.01		.01	.01	.01						.06	.07	.01
19					.01	.01		.01	.01	.01								
20																		
21	.01																	
22	.03				.01													.01
23					.01			T		T								
24																		
25	T		.02															
26	T																	
27										.01								
28	Note: Measurements from Station 12 are for the 2-hr. period ending 5:00 P.M.																	
29	Stations 15 and 27 are for the 2-hr. period ending midnight.																	
30	Station 12 are for the 2-hr. period ending in the morning.																	
31	all other stations are for the 2-hr. period ending 5:00 A.M.																	
TOTAL	1.60	.91	.96	-	1.63	1.92	-	.93	1.49	1.59						2.61	1.31	2.07

*Recording Gage. Cumulative amount for period indicated.

s-Snow

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.PROJECT NO. S.C.S.-Wash.-1 Demonstration ProjectMONTH OF March & April 1938

March 1938

SHEET 6
OF 16 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	51	52	103	104	110	111				
1		.11		.01	.01						.01	.22		.01				
2	.32	.17	.13	.20	.17	.13	.09	.08	.25	.28	.28	.19		.15				
3	.16		.18	.20	.16	.11	.19		.10	.13		.12		.15				
4																		
5	.02	.21	.12	.12	.12	.12	.14	.13	.26	.22	.22	.27		.13				
6	.18			.27	.26	.23	.15	.04	.10	.12	.2	.26		.25				
7																		
8																		
9		.06																
10									.11	.11								
11									.21	.21								
12	.11	.22	.05	.20		.22	.13	.09	.08	.25	.27	.26		.10				
13	.04	.11	.02			.22			.2	.22	.01							
14	.26	.23	.02		.16	.12	.12	.2	.22	.25	.22							
15						.12	.15		.23	.21	.2	.17						
16	.38	.26	.31	.25	.15-s	.22	.22	.22	.29	.11	.22	.21		.30				
17	.04-s		.07-s	.02-s	.02-s	.02-s	.02-s	.07-s	.10-s	.10-s	.2	.2		.22				
18	.25-s	.25-s	.26-s	.26-s	.26-s	.27-s	.27-s	.27-s	.27-s	.27-s	.27-s	.27-s		.22				
19	.23-s	.22	.23-s	.21-s	.30-s	.26-s		.25-s	.20-s	.22-s	.31	.27		.20				
20									.27-s	.22-s								
21	.11-s	.11-s																
22		.08-s																
23		.03		.10	.12	.11	.25	.12		.03				.08				
24	.09			.16	.20	.04	.25	.12	.17	.04	.10	.03		.08				
25	.34			.10	.26	.29		.10	.18	.27	.27	.30		.08				
26																		
27						.02												
28		.02				.02		.05		.06	.04			.02				
29	.03																	
30																		
31																		
TOTAL	2.63	2.30	2.08	2.37	2.09-e	2.40	1.54	2.12	2.72	2.63	1.57	1.66		2.09				

Read at this station. Technical by Division. Included in a following report.

April 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	51	52	103	104	110	111				
1																		
2																		
3																		
4	.12	.20		.04	.15	.05	.10	.12	.23	.05	.11	.04		.04				
5	.32			.31	.15	.23	.20	.21	.20	.22	.11	.21		.31				
6						.28	.21		.10	.16								
7																		
8																		
9	.05	.01				.06				.07								
10									.03	.02								
11																		
12	.03	.14		.02	.04	.08	.06	.04		.08	.02	.02		.03				
13	.15	.01		.05	.11	.09	.12	.10		.09	.07	.09		.08				
14																		
15																		
16	.33	.16	.18	.12	.22	.13	.22	.11	.20	.14	.08	.11		.12				
17	.28	.37	.35	.33	.30	.22	.27	.22	.20	.27	.22	.23		.22				
18	.23	.20	.32	.22	.22	.29	.31	.22	.20	.22	.27	.20		.21				
19	.08			.03	.07			.03	.02	.01	.02	.02		.03				
20																		
21									.21									
22									.02	.01								
23																		
24														.02				
25																		
26	Note: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																	
27	Stations 10 and 24 are for the 24-hr. period ending midnight.																	
28	Station 17 are for the 24-hr. period ending in the morning.																	
29	all other stations are for the 24-hr. period ending 5:00 A.M.																	
30																		
31																		
TOTAL	1.65	.99	-	1.15	1.66	1.48	1.95	1.61	1.36	1.68	1.22	.95		1.16				

*Recording Gage. Cumulative amount for period indicated.

s-Snow

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.

PROJECT NO. S.C.S.-Wash.-1

Demonstration Project

SHEET 7

MONTH OF May & June

1936

May 1936

OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
</																		

June 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	41	48	106	107	108	113	2	26	47	109	116
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16	.12	.10	.08	.04	.06	.17		.10	.10	.08	.09	.10		.23	.07	.14	.07
17	.03	.33	.11	.26	.32	.73		.11	.25	.12	.14	.17		.19	.11	.36	.28
18	.56		.58		.06	.22		.01	.01	.01	.01	.01		.01	.01	.52	.02
19	.14	.15	.18	.19	.10	.09		.18	.09	.13	.12	.10		.18	.12	.15	.03
20	.02								.02	.03	.03	.10		.12	.02		.06
21																	
22	.06	.04	.30	.90	.22	.01		.11	.04	.17		.03		.02	.20	.04	
23					.01			.12			.05	.18					
24																	
25	.01			.14										.10	.09	.09	.09
26																	
27																	
28			.10														
29																	
30																	
31																	
TOTAL	.94	1.09	1.38	2.23	1.12	1.18	-	1.31	1.12	.94	.38	1.19		1.11	1.11	1.06	1.06

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 8MONTH OF May & June19 38

May 1938

OF 15 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115					5	6	7	8	9
1																				
2																				
3																				
4	.03	.01			.01	.03		.03	.03	.03								.12	.07	.03
5			.03					.03	.01	.02									.05	
6					.01															
7										.01										
8	.02									.05								.13		
9		.02			.07				.05	.01									.03	.02
10																				
11	.34	.30	.21	.34	.67	.73	.32	.28	.50	.19								.65	.72	.51
12					.02	.02	.05		.01	.01									.11	.21
13																				
14																				
15																				
16																				
17	.03	.33																		
18	.21		.24	.36	.24	.10	.70	.32	.17	.29								.75	.56	.21
19					.03		.01	.01	.01	.03								.03	.01	
20																				
21	Note: - Measurements from Station 12 are for the 24-hr. period ending at midnight.																			
22	Stations 16 and 17 are for the 24-hr. period ending at midnight.																			
23	Stations 17 are for the 24-hr. period ending at the morning.																			
24	all other stations are for the 24-hr. period ending 1:00 A.M.																			
25																				
26																				
27	.07	.02	.02		.08	.08	.02	.01	.03	.06									.03	.08
28	.15	.21	.17	.17	.10	.24	.11	.20	.33	.59								.34	.61	.19
29									.03											
30																				
31																				
TOTAL	.84	.39	.80	.87	1.66	1.55	.90	.91	1.50	1.61						-	-	1.87	1.66	.96

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115					5	6	7	8	9
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8	T							T												
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16	.31	.01	.05	.10	.12	.16	.11	.03	.20	.18						.06	.20	.26	.17	.11
17	.22	.35	.36	.23	.31	.12	.12	.12	.29	.35	.29					.01	.33	.50	.27	.34
18	.13	.12	.11	.20	.11	.26	.13	.11	.16	.17						.53	.52	.33	.11	.11
19	.14	.16	.11	.10	.06	.13	.02	.20	.13	.06						.13	.10	.20	.16	.14
20				.08	.10				.05	.01						.11	.20		.11	
21	.15	.01																		
22	T		.01	.05	.12	.31	.06	.01	.23	.06						.05	.10	.50		
23	.02				.07													.05		
24																		.07		
25	.10	.15	.15	.21	.30		.29	.16	.26	.14						.30	.30	.12	.18	.11
26																				
27																				
28																				
29																				
30																				
31																				
TOTAL	1.27	1.16	1.12	1.50	1.92	1.18	1.10	1.20	1.61	1.27						1.59	1.11	2.39	1.21	1.11

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF May & Junea 38

May 1938

SHEET 9OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	South Fork Palouse River																	
DATE	19	27	28	31	36	43	45	50	51	52	103	104	110	111				
1																		
2																		
3	.08																	
4		.03			.07	.02		.02		.03	.01	.02		.02				
5	.08					.05			.01	.07		.02						
6																		
7							.03				.03							
8										.07	.02							
9	.06	.02				.03			.02			.02						
10				.05														
11	.12	.29	.02	.05	.32	.38	.02	.35	.03	.05	.05	.04		.01				
12	.02					.01				.05		.01		.01				
13																		
14																		
15																		
16																		
17		.35																
18	.07				.05	.05	.04	.20	.05	.05	.03	.03	.05	.03				
19	.01									.01	.01	.01						
20																		
21	Notes: Measurements from Station 10 are for the 2-hr. period ending 8:00 A.M.																	
22																		
23	Station 10 are for the 2-hr. period ending 8:00 A.M.																	
24	all other stations are for the 2-hr. period ending 8:00 A.M.																	
25																		
26																		
27	.15	.02		.15	.10	.07		.10		.06	.01	.07		.05				
28	.16	.13	.11		.07	.04	.00	.01	.04	.19	.19	.17		.11				
29																		
30																		
31																		
TOTAL	1.31	.89	.88	-	1.11	.61	1.33	.95	1.07	1.47	.69	.91		.75				

June 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	South Fork Palouse River																	
DATE	19	27	28	31	36	43	45	50	51	52	103	104	110	111				
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16	.15	.10	.04	.25	.29	.06	.19	.19	.05	.18	.06	.11		.05				
17	.10	.29	.22	.11	.15	.03	.10	.29	.03	.11	.06	.07		.05				
18	.10	.11	.01	.03	.07	.03	.00	.00	.00	.00	.00	.00		.00				
19	.15	.11	.15	.13	.12	.12	.13	.17	.11	.12	.11	.11		.11				
20									.01	.03	.03	.03		.02				
21		.02																
22		.05	.03			.03			.02	.02								
23											.01							
24							.03											
25	.12	.07	.53		.12	.15		.11	.20	.10	.09	.07		.08				
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	1.12	1.08	1.48	-	1.16	1.21	1.17	1.21	1.12	1.09	1.05	.96		1.31				

Records from rain gages at this station to be included in the 10. (upper 10. S.C.S. Technical Publication.

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF July & August 1938SHEET 10OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	46	106	107	108	113			2	26	27	109	116
DATE																		
1																		
2	.05			.11		.07	.06	.05	.05	.02	.05			.15	.01	.03	.07	
3																		
4																		
5		.02			.06		.02								.05			
6																		
7																		
8	.00	.15	No record	.10		.05		.17	.02	.07	.03			.20	.20	No record	.22	
9	.15	.05		.01				.13	.15	.07	.01							
10																		
11	.01		No record															
12																		
13					.10													
14																		
15																		
16	Note:- Measurements from Station 10 are for the 24-hr. period ending 5:00 P.M.																	
17	" " " Stations 10 and 11 are for the 24-hr. period ending midnight.																	
18	" " " Station 17 are for the 24-hr. period ending 6:00 A.M.																	
19	" " " all other stations are for the 24-hr. period ending 5:00 A.M.																	
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28					.01	.06												
29				.10	.06			.01		.07								
30																		
31																		
TOTAL	.28	.22	-	.53	.26	.18	-	.25	.10	.12	.16			.33	.29	-	.29	

August 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	46	106	107	108	113			2	26	27	109	116
DATE																		
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14	.01	.01				.03				.02				.02				
15																		
16																		
17																		
18	.01				.02			.05	.03	.01				.08	.07	.10	.07	
19								.01						.01				
20																		
21																		
22																		
23																		
24																		
25																	.02	
26																		
27																		
28																	.03	
29																		
30																		
31																		
TOTAL	.08	.04	0.00	0.00	0.00	.05	0.00	.01	.03	.01	.02			.08	.13	.15	.07	

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1
MONTH OF July & August 1938

SHEET 11
OF 13 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115		5	6	7	8	9
1	.09	.10															
2	.03		.07	.08	.09	.08		.09	.08	.07				.20	.50	.11	.11
3																	
4	.02	.07								.01							.03
5			.07	.02				.17								.01	
6																	
7																	
8	.20	.22	.17	.17	.02	.15		.22	.05	.01				.55	.02	.1	
9																	
10																	
11	Note: - Measurements from station 12 are for the 24-hr. period ending 8:00 P.M.																
12	Stations 16 and 17 are for the 24-hr. period ending midnight.																
13	Stations 17 are for the 24-hr. period ending in the morning.																
14	all other stations are for the 24-hr. period ending 8:00 A.M.																
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28	.05								.02	.01							
29	.05				.02				.02					.02	.10	.17	.12
30																	
31																	
TOTAL	.30	.39	.31	.19	.13	.13	-	.48	.16	.12			-	.22	.63	.31	.30

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115		5	6	7	8	9
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13	.03		.01		.01	.03		.04	.02	.05							
14	T		T						.02	.05				.06	.07	.05	.02
15																.03	
16																	
17	.11	.09			.17	.18	.10	.11	.17	.14				.20			.14
18			.06														
19	T																
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28	T																
29																	
30																	
31																	
TOTAL	.17	.09	.07	0.00	.16	.21	.10	.15	.19	.19			-	.06	.27	.08	.16

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF July & Augustin 38

July 1938

SHEET 12OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	31	36	43	45	50	51	52	103	104	110	111				
1		.04																
2	.06		.15	.12	.10	.06	.11	.14	.02	.02	.07	.02		.10				
3																		
4	.08	.08						.04			.07							
5				.10	.18	.12	.06		.13	.17		.04						
6																		
7																		
8	.04	.17	.12	.10		.19		.03	.21	.06	.01	.01		.03				
9																		
10																		
11	Note:- Measurements from Station 12 are for the latter period ending 11:00 A.M.																	
12	Stations 19 and 20 are for the latter period ending 11:00 A.M.																	
13	Station 17 are for the latter period ending 11:00 A.M.																	
14	all other stations are for the latter period ending 11:00 A.M.																	
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29								.26	.09		.09			.03				
30																		
31																		
TOTAL	.18	.29	.27	.32	.26	.37	.23	.30	.35	.23	.21	.07		.15				

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	31	36	43	45	50	51	52	103	104	110	111				
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14	.03	.01		.07		.03		.08	.06	.07	.02	.02						
15																		
16																		
17		.04																
18	.22					.11		.13	.25	.26	.11	.16		.17				
19	.02									.01								
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27								.03										
28																		
29																		
30																		
31																		
TOTAL	.32	.05	0.00	.07	0.00	.14	.03	.21	.31	.34	.13	.18		.17				

Records for recording gages at this station to be included in a forthcoming U.S. Technical Publication.

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF September - October 38SHEET 13OF 18 SHEETS

September 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
					Fourmile Creek										Missouri	Flat Creek			
DATE	22	25	29	30	33	40	48	106	107	108	113				2	26	47	109	116
1																			
2																			
3																			
4	.02																		
5				.02	.04	.08		.02											
6																			
7			.06		.06			.02											
8	.01	.03	.06	.06	.23	.15	.10	.30	.31	.20					.09	.01	.47	.52	
9	.05	.04		.05	.10	.05	.04	.04	.04	.07	.01				.05	.04	.12		
10																			
11																			
12																			
13																			
14	Note:- Measurements from Station 12 are for the 24-hr. period ending 11:55 P.M.																		
15	" " " " " Station 11 are for the 24-hr. period ending 11:55 P.M.																		
16	" " " " " Station 10 are for the 24-hr. period ending 11:55 P.M.																		
17	" " " " " all other stations are for the 24-hr. period ending 11:55 P.M.																		
18																			
19																			
20																			
21																			
22																			
23																			
24						.03										.01			
25																			
26																			
27																			
28				.03															
29	.04	.05	.07		.02	.08	.07	.02	.06	.07	.07				.07	.01	.06	.06	
30	.08	.05	.29	.07	.08	.07	.05	.23	.05	.33	.05				.01	.35	.31	.50	
31																			
TOTAL	1.08	.92	.82	.55	.92	.97	1.02	.71	.96	.81	.95				1.03	.92	.99	1.11	

Record & File at State College, Washington.

Record is filed at State College, Washington.

October 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113				2	26	47	109	116
1																			
2	.02	.04							.02		.01	.01							
3	.03	.05	.52	.02	.11	.13	.16		.02	.02	.02				.05	.05	.06	.01	
4	.01			.03	.05			.12		.04	.01								
5																			
6																			
7																			
8																			
9																			
10																			
11	.52	.48	.50	.67	.31	.28	.51	.10	.11	.51	.18				.11	.53	.01	.15	
12	.03	.04		.04	.10	.23			.02	.01	.02				.23	.10	.03		
13	.16	.17	.27	.21		.07	.25	.13	.17	.13	.17				.07	.28	.01	.02	
14	.08	.16		.22	.05	.05	.07	.15	.08	.07	.03						.21	.04	
15					.04		.04												
16	.05	.03						.05		.03	.02						.09		
17											.01								
18											.01								
19																			
20																			
21																			
22																			
23																			
24		.01																	
25																			
26																			
27																			
28																			
29		.06	.36			.29			.09	.10	.10				.13		.17	.05	
30	.31	.26	.10	.25	.10	.12			.20	.20	.16				.21	.29	.16	.01	
31	.02			.02	.15		.35		.23	.22	.07					.04		.03	
TOTAL	1.65	1.73	1.75	2.03	1.51	1.32	1.88	-	1.48	1.03	1.56				1.62	1.07	2.11	1.53	

Record incomplete

*Recording Gage. Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF September & October, 1938

September 1938

SHEET 11OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.		
					Paradise Creek											South Fork	Palouse River			
DATE	12	16	17	31	32	38	39	49	111	112	115					5	6	7	8	9
1																				
2																				
3																				
4																				
5	.01																			
6	.01				.30													.06		
7	.07	.07	.26		.32	.02	1.09			.02						.10	.11			.09
8																				
9																				
10																		.12	.11	.11
11	Note:— Measurements from Station 12 are for the 2-hr. period ending 1:00 P.M.																			
12	Measurements from Stations 15 and 37 are for the 2-hr. period ending midnight.																			
13	Measurements from Station 12 are for the 2-hr. period ending 1:00 P.M.																			
14	Measurements from all other stations are for the 2-hr. period ending 1:00 A.M.																			
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24	T		T																	
25																				
26																				
27																				
28		.04																		
29	.11	.30	T		.05		.03	.21	.03	.02								.12	.07	.05
30	.17		.72	.51	.25	.34	.53	.57	.22	.13								.25	.12	.12
31																				
TOTAL	.64	.96	.87	1.23	.77	.61	1.55	.38	.86	.74						-	-	1.29	.66	.37

October 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	42	111	112	115			5	6	7	8	9
1																		
2	.05		.05		.00	.63	.08	.07	.02						.06			.01
3	.40	.51	.38	.05	.00	.63	.08		.1	.62				.72	.60	.56		.39
4	T		.39															.03
5	.02	.03	.01	.36			.15											
6	.01		.01		.04		.03	.01								.04		
7																		
8	Note:— Beginning October 1, 1938, measurements from Stations 111 and 112 are for the 2-hr. period ending midnight.																	
9																		
10	.01		T		.05		.35	.53										
11	.61	.13	.10	.51	.57	.65	.19	.2	.16	.21				.62	.62			.58
12	.01	.04	.07	.05	.04	.04	.04	.04	.02	.01					.04			
13	.21	.20	.21	.25	.21	.26	.25	.30	.20					.24	.24			.25
14	.01				.21	.22	.09	.01						.25	.08			
15	.08	.06	.03			.05	.13	.02	.02									
16			.04	.07	.07	.16	.16	.21							.20			
17																		
18																		
19																		
20					.03													
21																		
22																		
23						.34												
24	T		T												.16			
25																		
26																		
27																.01		
28																		
29	.29	.33	.25	.37	.01		.07	.32	.27					.26	.30	.38		.25
30	.03	.03	.01	.37	.32	.31	.25	.30										
31	.04		.04	.04	.04	.07	.03	.05							.05			.06
TOTAL	1.80	1.63	1.13	1.73	2.13	2.11	1.35	1.80	1.66	1.92				1.26	2.00	2.11	2.11	1.51

*Recording Gage. Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.- Wash.-1SHEET 15MONTH OF September - October 1936OF 13 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	31	36	37	38	39	40	41	42	43	103	104	110	114	
1																	
2																	
3																	
4																	
5																	
6	.02																
7	.09	.07						.09									
8	.00				.05	.05	.07	.03	.55		.00						
9	.07					.17	.04				.04		.07	.02		.07	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24	.01	.01									.01						
25																	
26																	
27																	
28			.02														
29	.01	.03				.05	.02				.00		.04			.05	
30	.28				.10	.20	.03	.00	.02		.00		.01			.03	
31																	
TOTAL	.87	.87	.89	1.15	.97	.96	.88	.86	-	.86		.82	-		.91		

October 1936

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	31	36	37	38	39	40	41	42	43	103	104	110	114	
1																	
2	.09					.09	.02	.04	.04	.05	.10	.02	.04			.04	
3	.05	.50	.45	.60	.45	.45	.17	.39	.15	.17	.30	.15	.37			.38	
4	.07					.02				.00	.00	.02	.05			.02	
5		.02						.05	.04	.02							
6	.03		.04		.05	.02	.05										
7	.02																
8																	
9																	
10	.02																
11	.63	.62	.50	.62	.85	.59	.71	.73	.59	.65	.63	.64	.54			.49	
12	.01	.05	.03	.35	.05	.04	.02	.00	.02	.01	.03	.06	.02			.05	
13	.23	.18	.27	.15	.15	.29	.22		.25	.28	.45	.19	.15			.20	
14									.05				.01			.01	
15	.13	.05				.03					.17					.02	
16	.02		.05		.18	.07		.10	.10	.11		.13	.08				
17																	
18	Note:- Measurements from Station 11 are for the 24-hr. period ending 8:00 P.M.																
19		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
20		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
21		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
22																	
23						.12											
24						.01											
25																	
26																	
27																	
28																	
29		.35	.11			.22	.25	.25	.21	.73	.25	.06	.04			.02	
30	.29	.05	.20	.05	.25					.73	.25	.06	.04			.00	
31	.10		.06			.04	.00	.04	.05	.04	.05	.06				.05	
TOTAL	2.09	1.82	1.80	2.00	1.98	1.96	1.11	1.23	1.91	1.36	1.68	1.65	1.57			1.52	

*Recording Gage. Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

MONTH OF November & December, 1938

November 1978

SHEET 15

OF 13 SHEETS

STATION	November 1926												November 1926			
	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Fourmile Creek												Missouri Flat Creek			
DATE	22	25	29	30	33	34	36	106	107	108	113	2	26	47	109	116
1	.08	.10	.05	.04	.15	.20			.08	.05	.05	.02	.13	.13	.10	
2	.12	.11	.15	.22	.08	.17			.08	.15	.13	.25	.22	.27	.27	
3	.32	.18	.50	.55	.05	.04	.35		.12	.05	.00	.27	.07	.10		
4	.18	.13					.05		.12	.13	.04	.11	.16	.11	.12	
5																
6																
7			.06	.37												
8	.02	.03						.05	.02	.01	.02					
9																
10	.27-s	.52-s	.51-s	.59-s	.20-s	.76-s	.55-s		.29-s	.17-s	.11-s		.25-s	.31-s	.10	
11					.08-s				.27-s	.29-s	.37-s					.50
12	.22-s				.18-s	.30-s							.10-s			
13		.32-s	.21-s	.18-s	.15-s	.01-s	.11-s		.19	.17	.13	.71-s		.11-s	.26	
14									.12	.14	.12					.15
15	.21	.37		.10	.25	.15		.01	.02	.02	.02					.01
16									.02	.02	.02					
17	.09	.12	.01	.22	.05		.13		.10	.03	.01	.21	.03	.13	.15	
18																
19																
20	.21-r	.21-r	.29-r		.22-r	.37-r	.11-r		.08	.05	.15		.11-r		.10	
21																
22								.12								
23																
24	Notes:- Measurements from Station 12 are for the 2-hr. period ending 5:00 P.M.															
25	" " Stations 15, 20, 111 and 112 are for the 2-hr. period ending midnight.															
26	" " Stations 17 are for the 2-hr. period ending in the morning.															
27	" " All other stations are for the 2-hr. period ending 1:00 A.M.															
28																
29																
30			.10		.04	.15	.35					.03				
31																
TOTAL	1.66	2.30	2.32	2.10	1.74	2.04	2.30	2.11	2.01	2.03	2.22	1.72	2.73	2.06	2.13	

December 1970

STATION	FOUR MILE CREEK						MISSOURI FLAT CREEK								
	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	27	30	33	36	106	107	108	113	2	26	47	109	115
1	.07	.09		.12	.10	.12	.06	.08	.07	.12		.06	.10	.09	
2		.07	.61	.13	.13	.53	.07	.07	.03	.10		.06		.03	
3	.60	.89	.17	.65	.29	.12		.54	.52	.34	.71	.23	.55	.59	
4	.07	.06	.13	.11		.17		.09	.09	.08		.15	.21	.10	
5	.12	.15		.08	.13			.13	.15	.17		.15	.15	.15	
6			.12		.12		.10					.21		.12	
7	.01	.01		.01	.01		.02	.05	.02	.05	.26	.02	.10	.05	
8														.01	
9				.05											
10															
11															
12															
13															
14															
15															
16				.06											
17															
18	.01-s														
19			.05-s						.01-s			.01-s			
20				.11-s				.01					.17-s		
21				.05-s	.11-s		.04-s	.05-s	.13-s	.17-s			.01-s		
22	.22-s		.28-s		.11-s		.12-s	.11-s	.13-s	.17-s		.18-s	.31-s	.12-s	
23	.10-s	.31-s		.12-s	.07-s		.07-s	.10	.09	.17-s		.16-s	.10-s	.09-s	
24															
25				.06-s					.02			.03-s			
26		.12-s											.33-s		
27	.07-s	.13-s		.19-s	.15-s		.08	.05	.03			.07-s		.23	
28	.18-s	.20-s		.26-s	.12-s		.11	.16	.15	.20		.28-s	.05-s	.20	
29	.05	.05	.10				.05	.05	.03	.04		.11	.07	.06	
30															
31															
TOTAL	1.46	1.93	1.76	2.11	1.45	1.56	-	1.67	1.69	1.43	1.56	1.43	1.75	1.37	1.56

*Recording Gage. †Cumulative amount for period indicated.

8-Snow

r-Rain & snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF November & December 1938SHEET 17OF 23 SHEETS

November 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	40	111	112	115				5	6	7	8	9
1	.14		.12		.15	.17	.16	.11	.25	.25					.20	.11			.30
2	.26	.36	.19	.17	.17	.22	.17	.25	.12	.11					.21	.20			.37
3	.55	.15	.17		.15	.20	.16	.27		.29					.72	.11			.20
4	.05	.06	.13	.17	.22	.31	.17	.25	.02	.01					.20	.10			.21
5																			
6																			
7																			
8																			
9	.27		.25						.35	.35									
10	.11	.30-s	.10	.10-s	.36-s	.52-s	.37-s	.30-s	.35	.35									
11																			
12	.33		.10	.20-s					.35-s	.35-s									
13	.23		.22			.05-s	.30-s	.20-s	.32-s	.05-s									
14									.13	.17									
15	.21	.26	.22		.35	.30	.13	.08	.13	.17									
16	.20	.03	.03		.20			.10	.15	.14									
17			.24		.27		.13	.10											
18																			
19									.07	.28									
20	.09	.20-r	.20	.20-r	.17-r	.30-r	.21-r	.17-r	.23	.12									
21																			
22	Note: Measurements from Station 12 are for the 24-hr. period ending midnight.																		
23																			
24																			
25																			
26																			
27																			
28	T		T																
29	.06																		
30		.08		.13					.01	.07	.36								
31																			
TOTAL	2.55	2.19	2.54	2.57	2.16	2.10	2.15	2.60	2.56	2.11					-	-	3.10		2.63

December 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	40	111	112	115				5	6	7	8	9
1	.03	.02	.36		.11	.08	.07	.05	.05-s	.05-s							.11		.07
2	.36	.15	.03						.15	.32							.68		.01
3	.03		.23	.51	.17	.30		.10							.20		.11		.15
4	.11	.12	.02	.13	.13	.19		.07	.06	.05							.11		
5	.15	.13	.15	.10	.17	.12	.27	.13	.11	.13							.13		.21
6	T	.02	T					.01	.06	.19							.18		
7	.05			.06	.09				.01										.01
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15	T																		
16	T																		
17																			
18																			
19	T	.05-s	.03				.01-s			.15-s									.02-s
20									.05	.03-s									
21	.21	.21-s	.17						.13	.17-s							.21-s		.11-s
22	T		T		.26-s	.25-s	.17-s		.06	.07-s									.12-s
23	.12	.11-s	.01		.12-s		.09-s	.27-s	.03	.06-s							.21-s		
24																			
25																			
26									.11-s	.11-s									
27	.16	.25-s	.20		.35-s	.35-s		.02-s	.06	.00-s							.26-s		
28	T		T	.53-s	.21-s	.05-s	.23-s	.07-s	.00	.01									.11-s
29	.08	.05	.11		.09		.01			.13							.22		.28
30									.05										
31																			
TOTAL	1.30	1.17	.97	1.43	1.95	1.84	1.37	1.12	1.30	1.30					1.19	-	2.28		1.21

Record on file at State College of Washington.

No Record

*Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.F.S.-Wash.-1MONTH OF November & December 1938SHEET 18OF 19 SHEETS

November 1938

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	19	27	28	31	36	43	45	50	51	52	53	54	103	104	110	111	
DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	.07	.22	.21	.55	.37	.23	.50	.37	.22	.22	.15		.36	.29		.29	
	.47	.52	.41	.55	.37	.23	.50	.37	.22	.22	.15		.36	.29		.29	
	.24	.06	.18		.15	.11		.19	.09	.31	.16		.15	.12		.21	
	.05	.01	.01		.05					.22						.01	
6																	
7																	
8		.01															
9																	
10	.33-s	.53-s	.47-s	.60-s	.58-s	.55-s		.30-s		.27-s			.17	.12		.29	
11	.04-s									.12-s			.05	.09		.01	
12			.25-s														
13	.16-s	.11-s			.09-s	.07-s		.27-s		.52-s	.80-s		.25	.01		.06	
14										.27	.20		.01	.17		.02	
15	.25				.12	.13		.13		.27	.20		.17	.11		.01	
16		.25			.06			.06		.06	.30		.27	.12		.01	
17	.15	.10	.65	.42	.09	.16		.21		.27			.27	.12		.01	
18																	
19																	
20	.11-r	.11-r	.11-r		.11-r	.11-r	.16-r		.11-r	.15-r			.15	.10		.12	
21																	
22	Note: Measurements from Station 10 are for the 24-hr. period ending 5:00 P.M.																
23	Stations 10, 27, 111 and 112 are for the 24-hr. period ending midnight.																
24	Station 11 are for the 24-hr. period ending in the morning.																
25	all other stations are for the 24-hr. period ending 1:00 A.M.																
26																	
27																	
28																	
29																	
30	.09	.07		.7													
31																	
TOTAL	2.57	2.37	2.56	1.15	2.00	3.22	2.11	2.65	-	2.57	2.46	-	2.25	2.02		2.31	

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	19	27	28	31	36	43	45	50	51	52	53	54	103	104	110	111	
DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		.83			.11		.09		.11				.06	.06		.08	
	.52		.09		.09		.11		.08				.03	.01		.04	
		.30		.35	.22	.75	.56		.51	.74	.70		.62	.78		.72	
	.33	.15	.02		.30	.23	.07		.27	.09	.03		.23	.05		.08	
	.02	.02			.03	.07	.12		.27				.13	.17		.10	
6										.23			.01				
7					.15	.01	.05		.05								
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16					.09												
17																	
18																	
19		.01							.01-s				.01-s				
20						.15-s											
21		.20							.01-s				.01-s	.03-s		.01-s	
22	.23		.23		.03-s		.18-s		.04-s				.05	.09		.12-s	
23	.15	.11			.16-s		.07-s		.12-s	.25-s	.15-s		.04	.09		.09-s	
24						.09-s											
25					.02-s								.02			.02-s	
26																	
27		.25	.25		.20-s	.07-s	.08-s		.02-s							.02	
28	.12				.03-s	.17-s	.11-s		.12-s	.18-s	.25-s	.05	.03			.10	
29		.03			.08	.06	.11		.01		.11	.07	.01			.05	
30																	
31																	
TOTAL	1.37	1.46	1.22	-	1.75	1.78	1.22	1.92	-	1.23	1.23	1.73	1.19	1.23		1.32	

*Recording Gage. Cumulative amount for period indicated.

s-Snow

r-Rain & Snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
PROJECT NO. S.C.S.-Wash.-1
MONTH OF January & February, 1939

SHEET 1
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113			2	26	47	109	116
1											.01							
2	.07	.08		.17	.14	.13	.15	.08	.11	.14	.21				.16	.12	.12	
3	.12	.17	.32	.17	.16	.18	.17	.18	.14	.17	.16				.21	.18	.19	
4																		
5	.12-s		.12-s	.12-s		.12-s		.12	.12	.07	.06				.14-s	.21-s	.09	
6					.08-s			.01	.02	.01	.01					.03-s	.06	
7											.01				.01			
8	.15-s	.25-s	.19-s	.16-s	.00-s	.14-s	.20-s	.03	.24	.07	.07					.20-s	.05	
9		.01-s			.05-s			.03	.01	.07	.06				.12-s		.10	
10	.02							.02								.07		
11					.06											.02		
12																		
13	.15-s	.12-s	.19-s	.20-s	.17-s		.15-s	.06	.12	.12	.13				.13-s	.16-s	.05	
14								.06	.02	.03							.10	
15	.01				.06		.11	.01	.02	.01	.01							
16	.01-s	.01-s		.08-s	.10-s			.03	.03	.03	.03				.05-s		.02	
17			.21-s			.13-s		.02	.01	.01	.01							
18	.19-s			.27-s	.08-s	.23-s	.12-s	.12	.22	.15	.12				.20-s	.32-s	.20	
19	.18-s	.39-s	.12-s			.11-s	.05-s	.09	.10	.08	.10				.05-s	.10-s	.07	
20																		
21																		
22																		
23					.07			.22										
24																.06		
25										.02	.08				.08		.03	
26																	.02	
27							.02-s											
28		.22-s	.30-s	.30-s	.11-s	.13-s		.21-s	.18	.20	.16				.18-s	.31-s	.11	
29	.04-s			.10-s	.07-s	.08-s		.07-s	.05	.05	.05					.09-s	.22	
30								.01-s	.01	.02					.06		.03	
31	.01															.06		
TOTAL	1.07	1.32	1.64	1.59	1.23	1.25	1.22	1.30	1.33	1.25	1.19			1.03	1.39	2.01	1.32	

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113			2	26	47	109	116
1																		
2																		
3						.11-s										.05-s		
4	.16-s	.18-s	.35-s	.15-s	.08-s	.19-s		.09-s	.11-s	.09	.10				.06-s	.10-s	.07	
5	.11-s			.10-s	.00-s	.00-s		.22-s	.20-s	.17	.22				.19-s	.25-s	.21	
6	.03-s	.05-s	.22-s	.02-s		.22-s		.12-s	.17-s	.10	.11				.22-s	.22-s	.07	
7	.20-s	.21-s	.19-s	.15-s	.12-s	.12-s		.37-s	.28-s	.15	.22				.29-s	.10-s	.22	
8	.13-s	.15-s		.10-s	.09-s		.07-s	.12-s	.14-s	.10	.14				.15-s	.20-s	.19	
9				.03												.05		
10	.01-s	.05-s		.10-s				.03-s	.03-s	.01	.01				.05-s		.22	
11	.16-s	.32-s	.27-s	.09-s	.10-s			.10-s	.28-s	.07	.12				.25-s	.21-s	.15	
12	.60-r	.145-r	.50-r	.14-r	.75-r	.76-r	.62-r	.79-r	.82-r	.52	.45				.92-r	.85-r	.62	
13											.01							
14	.09-s	.20-s	.10-s		.12-s			.08	.05		.11				.16-s		.10	
15	.90	.37	.95	1.13	.98	.70	.72	1.03	.97		.22				1.24	.32	.24	
16								.01	.01	1.04							.01	
17																		
18																		
19	.01-s			.07-s	.09-s			.03	.02		.06						.02	
20	Note: - Measurements from Station 13 are for the 24-hr. period ending 5:00 P.M.																	
21	Station 13 are for the 24-hr. period ending 12:00 P.M.																	
22	all other stations are for the 24-hr. period ending 6:00 A.M.																	
23																		
24																.26		
25	.06-s		.13-s	.06-s	.10-s	.15-s		.10	.04	.05	.12				.15-s	.20-s	.05	
26		.04-s		.02-s				.16	.01	.01	.05				.08-s		.06	
27	.15-s	.17-s	.22-s	.20-s		.16-s	.27-s	.04	.23	.12	.10				.20-s	.15-s	.20	
28									.04	.02					.20-s			
29																		
30																		
31																		
TOTAL	2.67	3.79	3.04	2.67	2.49	3.02	2.48	3.38	3.21	2.45	2.66			3.57	4.00	3.77	3.13	

Recording Gage. Cumulative amount for period indicated

s-Snow r-Rain & snow

U. S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

 NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

 PROJECT NO. S.C.S.-Wash.-1
 MONTH OF January & February 1939

 SHEET 2
 OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	38	39	49	111	112	115						
DATE																	
1.							.01										
2.	.02	.19	.07	.18	.01	.18	.09	.08	.18	.13						.10	
3.	.15	.06	.15	.20	.20	.18	.17	.18	.05	.05						.21	.18
4.									.01-s								
5.	.25	.12-s	.11		.27-s	.09-s		.15-s	.25-s	.32-s						.24-s	.30-s
6.	.01				.05-s	.30-s	.15-s	.01-s									
7.																	
8.	.19	.15-s	.10		.25-s	.25-s		.05-s	.15-s	.19-s						.30-s	.15-s
9.	.04	.02-s	T					.13-s	.05-s	.05-s						.10-s	
10.	T				.05		.31	.02	.01							.33	
11.								.01									
12.																	
13.	.14	.13-s	.12	.52-s	.14-s	.15-s	.12-s	.13-s	.12-s	.13-s							.13-s
14.																	
15.	.05		T		.05		.01	.04-s	T-s							.10	
16.		.01-s	.03	.05-s		.08-s	.04-s	.01-s		T-s						.12-s	
17.	.20	.23-s	.12		.37-s	.12-s		.22-s	.30-s							.15-s	
18.	.05	.06-s	.08		.10-s	.18-s	.21-s	.11-s	.02	.02						.35-s	.21-s
19.			.01		.09-s	.15-s	.04-s	.08-s									.07-s
20.																	
21.																	
22.																	
23.																	
24.	.01	.06		.15				.03	.05								.04
25.	.05		.03				.07									.15	
26.																	
27.	T	.17-s						.10-s	.10-s								
28.	.17		.15		.26-s	.25-s	.15-s	.12-s	.12-s	.09-s						.22-s	.12-s
29.	.04	.09-s	.22		.15-s		.04	.03-s	.03-s	.03-s						.04-s	
30.	.02				.32			.31-s									
TOTAL	1.39	1.29	1.19	1.10	1.92	2.28	1.27	1.01	1.39	1.43					-	-	2.33 1.24

February 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	38	39	49	111	112	115						
DATE																	
1.	T									.01-s							
2.	.01		T														
3.	T				.01-s	.03-s										.10-s	
4.	.20	.18-s	.20		.13-s	.32-s		.10-s	.30-s	.15-s						.50-s	.11-s
5.	.14		.08		.12-s	.05-s		.11-s	.11-s	.10-s						.26-s	.11-s
6.	.12		.56			.15-s		.32-s	.10-s	.27-s						.51-s	.10-s
7.	.16		.17		.68-s	.60-s		.32-s	.18-s	.15-s						.62-s	.23-s
8.	.10	.102-s	.42		.11-s	.12-s	.14-s	.23-s	.03-s	.03-s						.19-s	.12-s
9.	T																
10.	.05		.05					.02-s									
11.	.39		.19		.55-s	.52-s		.14-s	.15-r	.18-s						.22-s	
12.	.76	1.00-r	.73		.65-r	.78-r	1.08-r	.80-r	.5	.54						.66-r	.69-r
13.	T															.20-s	
14.	.40		.07	1.36-r	.16-s	.22-s		.10-s	1.00-r	1.25-s						.25-s	.28-s
15.	.77	.97-r	.71	1.00	1.09	1.37	1.90	.26	.34	.30-s				2.85-r	No Record	1.18	1.37
16.																	
17.																	
18.	T	.01						.01-s									
19.	T		.01				.01-s										
20.	Notes: Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																
21.	Stations 16, 27, 111 and 112 are for the 24-hr. period ending midnight.																
22.	Stations 14 are for the 24-hr. period ending 5:00 P.M.																
23.	all other stations are for the 24-hr. period ending 5:00 P.M.																
24.																	
25.	.10	.37-s	.47		.19-s	.05-s		.10-s	.17-s	.09-s						.10-s	
26.	T					.21-s	.22-s									.05-s	
27.	.25	.46-s	.51	.43-s		.16-s		.40-s	.18-s	.11-s						.30-s	.18-s
28.	.01				.52-s	.03-s	.19-s	.10-s		T						.60-s	
29.																	
30.																	
TOTAL	3.76	4.01	4.49	3.29	4.91	4.67	4.23	4.34	3.56	3.71					3.53	-	5.13 3.39

*Recording Gage. Cumulative amount for per. indicated.

s-Snow r-Rain & snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF January & February 1939SHEET 3OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	51	52	53	54	103	104	110	114
1																
2		.24	.10			.11				.07	.02		.01			.02
3	.20	.06	.20			.25		.15		.19	.21	.15	.11	.13		.18
4																
5	.30-s	.11-s	.16-s			.15-s	.11-r	.30-s		.19-s	.21-s	.32-s	.19	.25		.18
6						.04-s		.24-s					.03			
7																
8	.10-s	.11-s	.10-s			.17-s	.11-s	.11-s		.10-s	.11-s	.22-s	.17	.11		.23
9		.02-s											.01			
10							.04			.01	.03		.02	.02		.04
11									No Record				.01			
12											.10		.07	.02		.02
13	.13-s	.13-s	.12-s			.15-s	.11-s			.15-s	.13-s	.13-s	.02	.09		.09
14													.07	.02		.03
15																.02
16	.06-s	.01-s	.04-s			.02-s				.07-s						
17		.25-s								.04-s	.20-s	.24-s				
18	.16-s	.09-s	.20-s			.25-s	.10-s	.21-s		.13-s			.08	.12		.12
19	.05-s					.07-s	.12-s	.39-s		.07-s		.22-s	.02	.06		.25
20																
21																
22																
23											.13					
24		.03														
25							.01						.06	.06		.08
26						.03				.05						
27		.15-s									.16-s					
28	.15-s					.17-s	.10-s	.15-s		.15-s		.09-s	.10	.06		.11
29		.10-s	.31-s			.12-s		.12-s		.07-s	.04-s	.07-s	.04	.25		.07
30							.32			.02						
31	.05						.33			.03						
TOTAL	1.20	1.33	1.23	1.26	1.07	1.47	1.03	1.24	-	1.30	1.38	1.69	.86	.92		1.08

Records from reporting gages at this station to be included in a forthcoming S.C.S. Technical Publication.

February 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	51	52	53	54	103	104	110	114
1																
2																
3						.10-s	.09-s					.01-s				
4		.19-s		.32-s	.15-s	.21-s	.16-s			.09-s	.30-s		.04-s	.02-s		.05
5		.25-s		.07-s	.14-s	.07-s	.11-s			.21-s		.01-s	.01-s	.21-s		.28
6		.09-s		.10-s	.15-s	.14-s	.15-s			.12-s		.01-s	.07-s	.05-s		.14
7	.70-s			.21-s	.14-s	.14-s	.15-s			.31-s		.17-s	.11-s			.21
8	.15-s	.02-s	.15-s		.10-s	.12-s	.02-s	.11-s		.12-s		.07-s	.30-s			.16
9		.05						.02	No Record	.01						
10	.05-s				.22-s	.35-s	.02-s			.22-s	.50-s					.02
11					.20-s	.17-s	.03-s	.13-s		.17-s		.50-s	.02			.10
12	1.21-r	.99-r	1.32-r	.78-r	1.20-r	.90-r	.65-r	.64-r		.31-r	1.11-r	.77-r	.31			.94
13	.41-s															
14		.04-s			.10-s	.14-s	.30-s	.29-s		.21-s	.42-s	.70-s	.22			.26
15	1.31	.24-r	1.28	.09-r	.77	1.17	1.07	1.22		1.54	1.29	.28-s	.35	.87		1.18
16												.01				.02
17																
18	.10	.02								.04-s	.01-s					
19	Note: - See comments on Station 36 for Feb. 27-28, 1939, and Station 34 for Feb. 28, 1939.															
20	Station 36, 27, 111 and 112 are for the 24 hrs. period ending midnight.															
21																
22	and other stations are for the 24 hrs. period ending 6:00 A.M.															
23																
24																
25	.16-s	.37-s	.22-s	.11-s	.34-s	.09-s		.21-s			.15-s		.06			.05
26			.15-s		.10-s	.07-s				.27-s	.12-s		.11			.05
27	.39-s	.40-s		.12-s		.45-s	.32-s	.23-s		.2-s		.31-s	.14			.11
28			.20-s		.15-s								.02			.02
29																
30																
31																
TOTAL	4.48	3.93	4.25	2.25	4.19	3.87	3.40	3.46	-	4.30	3.90	3.39	2.81	-		3.57

ing Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 4MONTH OF March & April 1939OF 18 SHEETS

March 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	29	30	33	40	48	106	107	108	113			2	26	47	109	116
DATE																		
1																		
2						.03-s										.08-s		
3	.09-s		.09-s	.03-s	.06-s	.06-s		.09	.04	.07	.10			.07-s	.12-s	.04		
4	.15-s	.22-s	.11-s	.09-s	.04-s	.18-s		.15	.21	.08	.10			.16-s	.06-s	.10		
5								.02	.01	.01	.02			.07-s	.07-s	.01		
6	.10-s	.17-s	.23-s	.15-s	.05-s	.17-s		.02	.16	.04	.04			.12-s	.17-s	.08		
7	.17-s			.03-s				.06	.10	.03	.12			.25-s	.14-s	.16		
8														.10-s	.02			
9	.03-s				.11-s			.05	.02	.02	.01			.05-s		.01		
10					.03-s			.02	.01		.01					.04		
11	.27-s	.16-s	.31-s		.22-s	.29-s	.50-s	.32	.21	.31	.29			.16-s		.19		
12	1.22-r	1.17-r	.98-r	2.08-r	1.50-r	1.51-r	1.15-r	1.15	1.32	1.26	1.25			1.36-r	1.20-r	1.02		
13	.11-s	.13-s			.17-s	.16-s	.25-s	.18	.14		.13			.13-s	.09-s	.29		
14	.01-s	.03-s	.11-s	.18-s	.05-s		.06-s	.03	.07		.07			.15-s	.10-s	.04		
15	.01-s	.05-s	.04-s	.04-s				.01	.32		.03				.15-s			
16	.03-r				.03-r	.03-r	.03	.03	.23	.02	.02			.11-r	.04-r	.06		
17	.02				.06			.01	.03	.02	.01			.03	.05	.05		
18								.01	.01		.01				.02			
19					.04													
20																		
21	Notes: Measurements from Station 12 are for the 2-hr. period ending 9:00 P.M.																	
22	" Station 10, 21, 111 and 112 are for the 2-hr. period ending midnight.																	
23	" Station 17 are for the 2-hr. period ending in the morning.																	
24	" all other stations are for the 2-hr. period ending 8:00 A.M.																	
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	2.21	2.23	2.41	2.80	2.26	2.54	-	2.20	2.31	2.12	2.27			1.85	2.55	2.41	2.11	

Records on file at State College of West Virginia.

April 1949																				
STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.		
DATE	22	25	29	30	Fourmile Creek			33	40	48	106	107	108	113		2	Missouri	Flat Creek	109	116
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9	.06																			
10																			.02	
11																				
12	.22-r	.37-r	.43-r	.35-r	.11-r	.46-r	.11-r	.39					.32				.32-r	.33-r	.33	
13	.03	.01		.04	.18			.27				.35	.11						.03	
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25	.10	.14	.09	.10	.10	.11	.08	.11	.08	.08	.11					.16	.18	.08		
26																				
27																				
28																				
29					.03															
30																				
31																				
TOTAL	.41	.52	.58	.49	.45	.57	.22	.77	-	.43	.04					-	.69	.71	.16	

*Recording Gage. Cumulative amount for period indicated.

s-Snow

r-Rain & snow



U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Fullan, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF March & April 1939

SHEET 5
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115								
1	T																		
2	.03	.01-s						.10-s		.01-s									
3	.11		.23		.18-s	.29-s			.11-s	.12-s								.28-s	
4	.19	.16-s	.13		.13-s	.08-s	.18-s	.15-s	.01-s	.07-s								.18-s	
5	T																	.16-s	
6	.24	.63-s	.57		.51-s	.22-s		.13-s	.16-s	.23-s								.52-s	
7			.11		.04-s		.29-s	.18-s		.06-s									.19-s
8	.02								.04-s	.02									
9	.05	.03-s			.00-s		.05-s	.15-s		.01									
10								.15-s		.01									
11	.78		.27		.50-s	.16-s	.22-s		.15-s	.107-r	.14-s							.55-s	
12	.71	.29-r	1.04		.27-r	.13-r	.12-r	.55-r	.15-r	.14-r	.50							.55-r	.15-r
13	.09		.04		.00-s	.09-s		.01-s	.09-s	.07-s	.07-s							.09-s	.13-s
14	T	.04-s	.29		.15-s	.06-s			.15-s										
15	.08		.01		.04-s	.05-s			.03-s	.02	.07								
16	.02		.05				.05-r	.10-r											
17	.02		.03					.03	.01	.01									
18		.11					.01											.12	
19																			
20																			
21																			
22																			
23																			
24	T																		
25																		.05	
26	Note: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																		
27	Station 16, 17, 18, and 19 are for the 24-hr. period ending midnight.																		
28	Station 17 are for the 24-hr. period ending in the morning.																		
29	all other stations are for the 24-hr. period ending 5:00 A.M.																		
30																			
31																			
TOTAL	2.35	2.70	2.77	-	2.50	2.19	2.14	2.16	2.01	2.16							2.51	2.07	

April 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115								
1																			
2																			
3	T																		
4																			
5																			
6																			
7																			
8																			
9	.01	.04							.03	.02								.04	
10					.02		.01												
11																			
12	.43	.16-r	.40		.51-r	.75-r	.73-r	.15-r	.30-r	.52	.33-s						.35-r	.30	
13	T		T															.50-r	.13-r
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22	T																		
23																			
24	.01																		
25	.10	.08	.12		.15	.19	.05	.08	.11	.05							.03	.22	
26																			
27																			
28	T																		
29						.05												.04	
30					.04														
31																			
TOTAL	.55	.28	.52	.51	.96	.97	.51	.58	.06	.40							.39	1.10	.13

*Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project.

PROJECT NO. S.C.S.-Wash.-1SHEET 6MONTH OF March & April 1939OF 18 SHEETS

March 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	51	52	53	54	103	104	110	114
1																
2						.02-s	.13-s						.01			.02
3			.15-s		.10-s	.06-s	.06-s	.09-s		.02-s			.01			.01
4	.20-s	.16-s	.13-s		.08-s	.14-s	.17-s	.17-s		.17-s			.12	.10		.11
5										.03-s						.03
6	.16-s	.63-s	.08-s		.12-s	.03-s	.05-s	.09-s		.14-s			.02	.05		.07
7			.12-s			.29-s				.15-s	.26-s	.31-s	.02	.02		.10
8												.22-s				
9	.04-s	.03-s			.13-s	.03-s		.14-s		.13-s			.02			.02
10			.02-s							.01-s			.01	.03		.01
11			.31-s			.19-s	.54-s	.21-s		.18-s	.70-s		.22	.20		.19
12	1.55-r	.18-r	.107-r		1.54-r	1.25-r	.73-r	1.25-r		1.30-r	.95-r		1.16	1.26		1.26
13	.07-s		.10-s		.15-s	.13-s		.09-s		.10-s	.15-s	1.70-r	.06	.07		.08
14	.09-s	.02-s	.09-s			.09-s	.13-s	.22-s		.22-s			.15	.05		.12
15	.13-s									.27-s			.10	.01		.01
16			.12-r		.15-r	.10-r	.09-r	.10-r		.02-r		.01-r	.02	.06		.10
17	.08	.11				.05		.05		.11			.02	.03		.02
18										.01			.01			
19														.01		
20																
21	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.															
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
TOTAL	2.32	2.76	2.19	2.29	2.29	2.38	1.79	2.33		2.32	2.06	2.33	1.94	1.91		2.16

April 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	51	52	53	54	103	104	110	114
1																
2																
3																
4																
5																
6																
7																
8																
9	.03	.03														
10							.07									
11																
12	.34-r	.15-r	.30-r	.53-r	.69-r	.33-r	.51-r	.14-r		.59-r	.47-r	.50-r	.50	.20		.14
13	.17							.03		.11			.05	.08		.15
14																.02
15																
16																
17																
18																
19																
20																
21								.02								
22																
23																
24	.08													.02		
25	.11	.11		.15		.18	.14	.16		.17	.17		.10	.09		.09
26																
27																
28																
29						.02	.03						.02			
30																
31																
TOTAL	.76	.29	.30	.68	.69	.51	.71	.68		.37	.44	.50	.67	.39		.40

Record from recording gages at this station to be included in a forthcoming S.C.S. Technical Publication.

* Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1SHEET 7MONTH OF May & June1939

May 1939

OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113			2	26	47	109	116
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17	.15	.16	.13	.12	.25	.13	.12	.02	.01	.01	.02			.15	.08	.10	.10	
18	.09	.04	.24	.10	.12	.09		.04	.09	.06	.07			.05	.03	.25		
19	.26	.26		.16	.25	.22	.33	.18	.20	.24	.20			.35	.28	.24	.28	
20																		
21																		
22	.21	.25	.09	.03	.26		.10	.12	.17	.06	.20			.16	.10	.03	.14	
23	.06		.12	.16			.05		.03	.04				.04			.05	
24																		
25						.10												
26	.20	.16	.14	.10	.16	.11	.22	.13	.16	.18	.15			.10	.10	.14	.14	
27	.01							.03	.02	.02	.02							
28																		
29							.02									.07		
30	.05	.09		.04	.26	.09	.03	.09	.03	.04	.03			.05	.03	.06	.04	
31																		
TOTAL	1.03	.96	.72	.77	.90	.74	.93	.88	.82	.72	.78			.85	.66	.92	.84	

Records on file at State College of Washington.

June 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113			2	26	47	109	116
1																		
2					.06													
3			.11		.13													
4	.08	.07		.04		.08	.08	.06	.05	.10				.07	.09	.08		
5					.16													
6		.04	.19	.07	.16	.02		.01	.07	.03	.14			.08			.18	
7																		
8					.10													
9	.08	.12	.10	.14				.12	.06	.03	.09			.10	.05	.14	.09	
10																		
11						.07			.01									
12						.11	.01											
13																		
14																		
15																		
16	.06	.07		.04	.06	.07	.05	.08	.06	.05	.09			.09	.05	.07	.05	
17									.01	.01								
18	.02				.03	.10		.02	.02	.02								
19	.06	.14	.25	.10		.12		.02	.12	.12	.07			.13	.09	.12	.13	
20	.05	.08			.09			.07	.05	.04	.14			.03			.11	
21																		
22																		
23																		
24					.01													
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	.35	.32	.65	.39	.46	.74	.23	.50	.45	.33	.53			.45	.26	.45	.61	

*Recording Gage. Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF May & June19 39

May 1939

SHEET 8OF 18 SHEETS

May 1957

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
				Paradise Creek												South Fork Palouse River			
DATE	12	16	17	31	32	38	39	49	111	112	115					5	6	7	9
1																			
2	T																		
3	T																		
4	T																		
5																			
6	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																		
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16	.06	.16	.17						.06	.08									
17	.04	.06	.03	.16	.13	.12	.16	.17	.07	.10							.11	.16	
18		.31	T	.08	.08	.08	.08	.05	.18	.14							.10	.12	.05
19	.15		.34	.28	.14	.18	.33	.32									.38	.12	.15
20																			
21	.03	.12	.03						.22	.12									
22	.16		.07	.17	.19	.16	.12	.14									.41	.47	.20
23	.02	.01	T		.01												.14	.04	.02
24					.03	.04													
25																			
26	.03	.08	.09	.06		.10		.06									.04	.05	
27					.05				.08	.04									.08
28	T																		
29	.07	.03	.03														.05		
30	.01			.11	.10	.12	.13	.10	.10	.11								.15	.20
31																			
TOTAL	.57	.77	.76	.86	1.00	1.09	.87	.84	.82	.88						.57	.93	1.21	.56

June 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115					5	6	7	9
1																			
2																			
3	T	.07							.09	.11									
4	.13		.07	.06	.19	.20	.08	.08	.04	.07							.04	.21	.16
5	.11	.05	T	.25	.01			.02	.05	.10							.18		
6	.06		.01		.21	.12	.10	.14	.15	.09								.26	.19
7	T																		
8	.15	.09			.01				.15	.17									
9	.07		.06	.12	.22	.20	.12	.09	.08	.04							.25	.30	.21
10	T																		
11																			
12	T																		
13																			
14																			
15	.07	.04	.02						.07	.09									
16			.03		.08			.05									.58	.12	.01
17	T		.01																
18	.04		T		.08	.07	.05	.02	.08	.07								.12	.05
19	.11	.10	.06	.20	.15	.19	.13	.07	.07	.09								.25	.07
20	.27		T	.34	.22		.11	.28		.14								.24	.11
21																			
22																			
23																	.02		
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL	.81	.35	.26	.77	.97	.78	.63	.53	.78	.87						-	1.37	1.40	.80

Records on file at State College of Washington.

*Recording Gage. Cumulative amount for period indicated.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

MONTH OF July & August 19 39

SHEET 10
OF 18 SHEETS

MONTH OF July & August 1927

July 1939

OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
	22	25	29	30	33	40	48	106	107	108	113				2	26	47	109	116
DATE																			
1																			
2																			
3	.36	.41	.43	.34	.16	.24	.29	.39	.32	.31	.37				.36		.32	.36	
4	.16	.18		.05	.10	.23	.16	.13	.14	.10	.12						.26	.15	
5	.01			.08		.01		.1	.27	.13	.01				.14				
6					.06		.05			.01							.05	.05	
7										.01									
8										.02									
9		.06																	
10																			
11																			
12																			
13																			
14																			
15																		.02	
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																		
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL	.56	.65	.43	.47	.32	.53	.50	.61	.53	.55	.52				.50		.63	.58	

Station Discontinued

Recording on file at State College of Washington.

August 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113				2	26	47	109	116
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
TOTAL	0.00	.02	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00			0.00		0.00	0.00	

*Recording Gage.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1
MONTH OF July & August 1939

SHEET 11
OF 18 SHEETS

July 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
DATE	12	16	17	Paradise Creek										South Fork Palouse River					
				31	32	38	39	49	111	112	115			5	6	7	9		
1																			
2																			
3	.52	.43	.42	.48	.44	.76		.33	.60	.70				.45	.75	.45			
4			.05		.29		.45	.14						.13		.36	.61		
5	.15	.13	.12		.09		.12		.07	.15					.10		.15		
6	T			.11	.03											.15			
7																			
8																			
9																			
10																			
11																			
12																			
13	.04	.05	.06																
14							.06	.10											
15																			
16																			
17																			
18																			
19																			
20	.01				.02	.02	.03	.03											
21																			
22																			
23																			
24																			
25	Notes- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																		
26			"		"														
27			"		"														
28			"		"														
29																			
30																			
31																			
TOTAL	.72	.61	.65	.59	.87	.78	.66	.60	.67	.85				.58	.85	.96	.76		

August 1939

STATION DATE	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	38	39	49	111	112	115				5	6	7	9
1																		
2																		
3																		
4	T																	
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24	T																	
25	T			T														
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	T	0.00	T	0.00	0.00	0.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00

Records on file at State College of Washington.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1
MONTH OF July & August 19 39

SHEET 12
OF 18 SHEETS

July 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	52	53	54	103	104	110	114	
1																
2																
3	.25	.41		.50	.20	.34		.22	.34	.54		.21	.26		.22	
4	.27			.10	.16	.64	.38	.22			.78	.41	.25		.36	
5	.02	.14		.06		.10	.03	.03	.04	.04		.02	.02		.05	
6	.04								.01			.05			.02	
7																
8																
9															.01	
10																
11																
12																
13	.02								.09							
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26	Note: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.															
27	" Stations 10, 27, 111 and 112 are for the 24-hr. period ending midnight.															
28	" Station 17 are for the 24-hr. period ending in the morning.															
29	" all other stations are for the 24-hr. period ending 8:00 A.M.															
30																
31																
TOTAL	.60	.55	-	.56	.60	.60	.67	.63	.70	.58	.78	.69	.53		.66	

August 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	52	53	54	103	104	110	114	
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	

Records from recording gages at this station to be included in a forthcoming SCS Technical Publication.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF September & October 1939SHEET 13OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113							
1																		
2	.04	.04																
3								.03	.05	.03	.01							
4																		
5							.03											
6	.02	.03			.02			.02	.02	.03								
7																		
8																		
9																		
10																		
11						.06												
12	.06			.10	.04	.08	.04	.05	.02	.09								
13	.05	.06		.13	.06	.07	.06	.03	.06	.03	.06							
14	.06	.17		.10	.10		.07	.16	.03	.06	.12							
15		.01						.01										
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26	Note: - Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																	
27																		
28																		
29																		
30																		
31																		
TOTAL	.23	.31	-	.33	.24	.24	.17	.25	.26	.17	.28					.35	.13	.30

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113							
1																		
2	.04	.20	.27	.30	.12	.15		.17	.10	.10	.08							
3								.02	.01	.04	.02							
4																		
5	.10	.35	.30	.38	.72	.25		.32	.30	.34	.22							
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16	.02							.02										
17																		
18																		
19	.01																	
20																		
21																		
22																		
23																		
24	.06	.14						.05	.09	.04	.04	.02						
25																		
26																		
27	.20-r	.40-r	.33-r	.11-s	.23-r	.34-s	.14-r	.01	.32	.21	.12							
28																		
29																		
30																		
31																		
TOTAL	.73	1.09	.90	1.12	.44	.82	-	.91	.77	.73	.44					.70	-	.97

*Recording Gage. Cumulative amount for period indicated

s-Rain r-Rain & snow.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF September & October 19 39

September 1939

SHEET 11
OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
	12	16	17	Paradise Creek			39	49	111	112	115	South Fork			Palouse	river	
DATE				31	32	38						5	6	7	9		
1	.05	.06	.04			.10			.04	.05			.05	.06			
2					.06			.06									
3																	
4																	
5	.03				.05				.04	.04			.06	.05			
6	.01	.01			.02			.03	.04	.04				.02			
7																	
8																	
9																	
10							Station Discontinued										
11	T												No Record				
12	.06	.06	.06			.02		.03	.03	.05		.11		.05	.20		
13	T	.02	.02	.15	.06	.02		.07						.06			
14	.21	.14	.13	.20	.28	.30		.17	.21	.27		.35		.30	.20		
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26	Notes:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																
27																	
28																	
29																	
30																	
31																	
TOTAL	.36	.29	.25	.35	.47	.11		.36	.32	.41		-	.57	.54	.40		

October 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	39	49	111	112	115	5	6	7	9	
1									.12	.11						
2	.25	.16	.15	.18	.31	.33		.17	.13	.17			.35	.31	.27	
3					.01			.03								
4	.03	.36	.34					.49	.44							
5	.35			.47	.47	.55		.15						.52	.41	
6																
7																
8																
9																
10																
11																
12																
13																
14																
15	.01												.15	.04		
16					.02	.12		.02								
17	T															
18			.03													
19	.02	.02		.02	.03			.03	.03	.03				.02		
20																
21																
22																
23																
24	.10	.04	.05		.09			.04	.08	.11				.20	.15	
25	T				.01											
26	.36	.14	.11					.34	.38							
27	T		.20	.32-r	.41-r			.19-r	.01	.02				.33-s	.30-s	
28		.02												.04		
29																
30					.03											
31																
TOTAL	1.12	.74	.88	.99	1.35	1.08		.90	1.20	1.26				1.51	1.13	

*Recording Gage. Cumulative amount for p indicated.

s-Snow r-Rain & snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF September & October :a 39

September 1939

SHEET 15OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	52	53	54	103	104	110	114		
1	.05	.02							.06								
2							.07	.06									
3												.06	.01		.02		
4																	
5							.05	.03	.02			.05					
6		.01															
7																	
8																	
9																	
10																	
11	.09					.02	.07	.01		.05							
12	.02	.06	No Record	No Record		.07	.07			.03	.17			.02			
13	.09	.01				.10				.10							
14	.18	.09	No Record	No Record	.38		.30	.34	.13	.21		No Record	.07	.07		.01	
15													.25	.16		.16	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26	Note: - Measurements from Station 12 are for the 24-hr. period ending 8:00 P.M.																
27																	
28																	
29																	
30																	
31																	
TOTAL	.43	.19	-	-	.10	.24	.43	.43	.39	.38	-	.43	.26		.22		

October 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	52	53	54	103	104	110	114		
1																	
2	.15	.16			.30	.12	.23	.26	.11	.16		.22	.10		.15		
3	.02					.03			.04						.02		
4		.12															
5	.56				.55	.53	.47	.47	.47	.58		.43	.52		.47		
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15	.02																
16									.03	.05							
17																	
18																	
19	.03								.06			.02	.02		.03		
20																	
21																	
22																	
23																	
24		.03	.05		.17			.15	.04			.06	.03		.05		
25									.02			.01					
26		.32															
27	.12-s		.35-r		.33-r	.1-r	.12-s	.2-r	.31-r	.32-r		.18	.13		.23		
28	.02	.01			.01				.02								
29																	
30																	
31																	
TOTAL	1.22	.94	-	-	1.35	1.10	1.17	1.12	1.10	1.11	.90	.32	.30		.95		

Measurements from Record of Gages at this Station to be included in a for issue of U.S. Technical Publication.

*Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1

MONTH OF November & December 1939

SHEET 16

OF 18 SHEETS

November 1927																			
STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113					2	47	109	116
1																			
2					.06														
3																			
4																			
5																			
6																			
7	.20		.21	.20	.19	.20	.16	.18	.18	.19						.25	.25	.21	
8	.02		.03	.02	.20	.02	.05	.03	.03	.04	.02					.25	.03	.04	
9																			
10																			
11	Note:- Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																		
12			"	"															
13			"	"															
14			"	"															
15																			
16																			
17																			
18																			
19																			
20																			
21					.12	.01													
22	.01																		
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30	.05	.10	.04	.13		.05		.03	.03	.02	.07					.04	.03		
31																			
TOTAL	.28	-	.31	.35	.38	.27	.25	.22	.24	.24	.29					.26	.32	.28	

December 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113					2	47	109	116
1																			
2	.07	.08		.11	.06	.02		.07	.06	.06	.02					.11	.07	.06	
3																			
4																			
5						.01	.02												
6																			
7																			
8	.09	.28		.08	.20	.10	.10	.12	.11	.08	.11					.20	.10		
9	.27	.30	.40	.30	.40	.33	.41	.35	.31	.36						.26	.34	.31	
10	.33	.36	.55	.33	.25	.32	.29	.25	.34	.31	.21					.20	.28	.38	
11	.29	.25	.28	.33	.25	.30		.33	.26	.26	.27					.21	.28	.24	
12																			
13																			
14	.06		.28	.08	.05	.08	.61	.05	.06	.05	.06					.06	.05	.05	
15	.50	.71	.15	.58	.10	.50	.61	.59	.59	.50	.58					.62	.58	.52	
16	.56	.59	.54	.64	.39	.39	.52	.58	.58	.59	.59					.67	.58	.52	
17	.66	.64	.37	.58	.32	.39		.57	.53	.52	.43					.58	.62	.65	
18																		.01	
19																			
20	.11	.13	.12		.15	.12		.11	.10	.09	.15					.13	.13	.12	
21	.02							.02	.04	.03	.02							.03	
22																			
23																			
24	.09-s	.11	.12-s	.09-s	.10	.10		.12-s	.04-s		.04-s							.02-s	
25																			
26																			
27																			
28																			
29		.06	.20	.15	.10	.15	.13-s	.05	.10	.08	.09					.09	.06	.12	
30	.19	.28	.22	.26		.11	.23	.18	.22	.17	.15					.24	.35	.12	
31	.13	.12	.54	.13	.15	.43	.20	.13	.09	.10	.10					.24	.35	.12	
TOTAL	3.10	3.88	3.97	3.77	3.12	3.81	-	3.57	3.36	3.17	3.14					3.34	3.80	3.60	

*Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow.

Record on file at State College of Washington.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF November & December 1939

November 1939

SHEET 17OF 18 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Paradise Creek											South Fork Palouse River						
DATE	12	16	17	31	32	38	49	111	112	115				5	6	7	9	
1																		
2	T																	
3	T						T										.02	
4																		
5																		
6	T							.13	.15									
7	.30	.23	.23				.20	.17	.17								.13	
8	.03			.35	.29		.05							.19		.31		
9																		
10																		
11		.02	.02	.05														
12																		
13																		
14																		
15							.03											
16	Note: - Measurements from Station 12 are for the 24-hr. period ending 8:00 P.M.																	
17																		
18																		
19																		
20																		
21																		
22					.01			.01								.03		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30	.01	.03	.04	.03	T	.05	.02	.03	.01							.03		
31																		
TOTAL	.34	.34	.29	.43	.30	.08	.29	.33	.34					.19	-	.42	-	

December 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	Paradise Creek										South Fork Palouse River						
DATE	12	16	17	31	32	38	49	111	112	115				5	6	7	9
1	.02						T	.03	.04								
2	.09	.07	.07	.10	.12		.00	.06	.04							.10	
3																	
4																	
5																	
6																	
7								.06	.06								
8	.29	.20	.25	.15	.20	.09	.00	.36						.42	.45	.21	
9	.25	.17	.14	.17	.54	.46	.30	.37	.39					.42	.44	.34	
10	.30	.32	.17	.32	.17	.11	.30	.17	.20					.31	.26	.20	
11	.24	.2	.26	.30	.23	.32	.21							.29	.29	.10	
12																	
13	.01							.02	.03								
14	.28	.05	.02	.05	.00	.05	.03	.10	.10							.07	.03
15	.45	.50	.05	.02	.08	.07	.03	.12	.17							.13	.10
16	.07	.57	.51	.05	.08	.70	.03	.52	.50							.02	.75
17	.40	.53	.49	.57	.57	.60	.21	.19	.37					.63	.34	.50	
18								.08	.11								
19	T							.12	.11								
20	.17	.10	.11	.22	.12									.10	.20	.10	
21				.11	.27	.11	.03							.11	.11	.11	
22	T		.01				T										
23			.07														
24	.03	.01-5			.10		.02	.05								.10-5	.13
25	T																
26			.04														
27	.03		.04														.21
28	.10		.09					.07	.08							.10	.10
29	.09	.15		.15	.17	.11	.12	.12	.12							.12	.22
30	.25	.20	.16	.15	.15	.18	.18	.12	.12							.10	.10
31	.11	.51	.16	.15	.10	.11	.10	.15	.15					.10	.50	.12	.10
TOTAL	3.51	3.62	3.21	4.15	4.35	4.14	3.00	4.20	4.23					3.18	4.51	4.70	-

*Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River Location Pullman, Washington
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF November & December 1939SHEET 16OF 24 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	31	36	43	45	50	52	53	54	103	104	110	111		
1																	
2																	
3		.01	.03						.02								
4																	
5																	
6																	
7	.25	.36	.20	.22		.29	.28	.23	.24			.17	.12		.16		
8	.08	.01		.05			.05		.05								
9						.02			.01								
10						.02											
11		.02					.02										
12																	
13																	
14																	
15																	
16	Note: Measurements from Station 11 are for the a.m. period ending 9:00 P.M.																
17	Stations 10, 27, 111 and 112 are for the a.m. period ending midnight.																
18	Stations 17 are for the a.m. period ending in the morning.																
19	all other stations are for the a.m. period ending 6:00 A.M.																
20																	
21																	
22							.01										
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30	.05	.01				.03			.05			.01	.01		.01		
31																	
TOTAL	.36	.34	.38	.27	.26	.37	.36	.32	.37	.04	1.00	.22	.21		.21		

December 1939

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	31	36	43	45	50	52	53	54	103	104	110	111		
1																	
2	.10	.07	.33	.09		.03	.12	.09	.09	.11		.04	.05		.06		
3																	
4																	
5																	
6																	
7																	
8	.15	.19	.37		.10	.15		.18	.12			.16	.13				
9	.16	.26	.31		.35	.36	.52	.36	.15	.72	.32	.39	.36				
10	.39	.36	.06		.39	.39	.39	.33	.32	.16	.35	.20	.35			.39	
11	.23	.23		.30	.32	.29	.23	.26	.33	.23	.30	.27	.19			.21	
12																	
13																	
14	.05	.05	.56	.30	.05	.06	.03	.05	.04	.72	.56	.01	.01			.02	
15	.13	.37	.31		.35	.34	.32	.60	.16	.72	.56	.54	.54			.30	
16	.37	.57	.53		.67	.73	.63	.63	.70	.62	.70	.54	.54			.30	
17	.45	.59	.10	.26	.45	.64	.33	.39	.33	.43	.52	.37	.35			.10	
18																	
19																	
20	.28	.09	.16			.10	.18	.18	.10			.13	.07			.33	
21	.03				.10	.05	.05	.05	.05	.33	.33	.33	.33				
22	.02								.05								
23																	
24		.01						.05-6	.07			.02-6				.02-6	
25																	
26																	
27								.02-6	.02			.02				.02	
28	.10					.05-6	.12	.19	.11	.17	.17	.17	.17				
29	.11	.11	.18		.05	.11	.12	.19	.11	.17	.17	.17	.17				
30	.18	.11	.11		.03	.11	.12	.19	.11	.17	.17	.17	.17				
31	.45	.51	.20	.13	.73	.11	.12	.15	.12	.12	.13	.32	.32			.32	
TOTAL	1.10	1.45	2.13	2.04	2.71	2.76	2.77	3.37	2.71	3.09	3.17	2.31	2.31		2.30		

Records from this station to be
used in the preparation of
Technical Publication.

*Recording Gage. Cumulative amount for period indicated.

s-Snow

r-Rain & snow

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION
RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF January & February, 1940SHEET 1OF 9 SHEETS

January 1940

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113				2	47	109	116
1	.40	.47		.33	.42	.23	.44	.42	.43	.39	.45					.43	.42	
2	.24	.25	.24	.16	.22	.21	.22	.24	.25	.18	.20				.39	.21	.17	
3	.20	.30	.22	.20	.24			.30	.20	.15	.21					.32	.17	
4	.08	.04	.11	.14	.15	.23	.05	.04	.06	.10	.05				.17	.11	.09	
5	.05				.25	.05		.05	.06	.05	.06					.07	.03	
6	.02		.08-s	.15				.01	.02	.02	.21						.02	
7								.01										
8	.25-s			.02														
9					.08													
10	.15-s	.36-s	.3-s	.25	.18	.29-s	.36-s	.38-s	.30-s	.35-s	.28-s					.54-s	.23-s	
11								.35-s	.25-s	.01-s							.07-s	
12			.19-s	.17	.16	.17-s		.17-s	.01-s	.15-s	.15-s				.43	.20-s	.12-s	
13								.01-s			.01-s						.02-s	
14																	.03-s	
15																		
16																		
17																		
18																		
19																		
20				.02		.02-s												
21																		
22																		
23																		
24					.06	.09-s		.06	.05	.02	.02					.11	.05	
25	.10	.06-s	.22-s	.14		.15		.11	.10	.09	.10					.09	.11	
26	.24	.00	.09	.24		.01	.43-r	.11	.30	.03	.15					.20	.24	
27	.16	.20	.22	.20	.40		.15	.19	.19	.11	.21				.63	.18	.20	
28								.04	.02	.03	.14							
29																		
30																		
31																		
TOTAL	1.89	2.28	2.03	2.12	2.09	1.66	1.62	2.52	2.11	1.96	1.94				1.67	2.46	2.09	

February 1940

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	113				2	47	109	116
1																		
2																		
3	.11-s	.11-s	.12-r		.06-s	.04-s	.12-s	.13-s	.13-s	.15-s	.11-s					.10-s	.11-s	
4	.26	.32	.31	.21-r	.36	.31-s	.36	.28	.30	.25	.30				.40-r	.31	.26	
5																		
6	.77	.84		1.19	.72	1.00	.71	.04	.85	.76	.30				1.05	1.04	.99	
7	.26	.22	1.19	.19	.17	.21	.21	.20	.27	.24	.20				.30	.25	.30	
8																		
9	.11	.13		.15	.18	.11	.12	.10	.12	.12	.10				.12	.14	.11	
10	.21	.23	.39	.10	.19	.26	.20	.25	.22	.20	.32				.19	.20	.19	
11	.09					.02		.04		.24					.03		.03	
12																		
13	.02			.30-r	.12	.07-s		.06	.05							.15-s	.02	
14	.13	.38-r	.41-s	.17	.06	.24-s	.22-r	.08	.22		.12				.27-r	.20-s	.20	
15																		
16																		
17	.14	.27-r	.30	.30	.10	.22	.18	.29	.20	.36	.10					.25	.20	
18	.29-r		.32-r	.43-r	.35-r	.50-r	.24-r	.46	.35	.32	.33					.35-s	.25	
19	.03			.05		.03-r	.11-s	.17	.02	.21	.15				.38-r	.20	.13	
20								.03	.03									
21									.02	.02								
22				.07	.12			.01	.01							.03-s		
23	.13-s	.27-s	.32-r	.18-r	.09-r	.25-r	.25-s	.20	.24	.21	.20				.12-r	.16-s	.13	
24																		
25	.33	.36	.52	.18	.19	.30	.41	.32	.35	.33	.15				.35	.39	.33	
26	.48	.49			.09	.72	.48	.19	.49	.52	.70				.39	.49	.44	
27	.39	.50	.87	1.01	.42	.40	.43	.52	.38	.40	.47				.51	.36	.47	
28	.20	.21	.26	.45	.22	.33	.11	.20	.27	.27	.18				.20	.31	.19	
29	.35	.36	.45	.48	.35	.36	.35	.30	.38	.41	.44				.30	.30	.34	
30																		
31																		
TOTAL	4.33	4.69	5.53	5.26	4.75	5.33	4.66	4.83	4.90	4.71	5.07				4.31	5.30	4.95	

*Recording Gage. Cumulative amount for period indicated.

s-Snow

r-Rain & snow

Keweenaw State College of Washington

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF January & February, 1940SHEET 2OF 2 SHEETS

January 1940

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	12	16	17	31	32	38	49	111	112	115				5	6	7	9
1	.12		.22	.02	.4	.63	.12	.23	.20							.33	
2	.38	.16	.11	.18	.29	.05	.16	.18	.22							.31	
3	.29	.15	.15	.25	.05	.40	.13	.13	.11							.53	.45
4	.18	.12	.10	.15	.12	.10	.12	.16	.12							.23	
5		.07	.25		.19		.27									.2	
6	.02	.03	.05	.13			.02										
7					.35		.12										
8	.01	.02	.01	.06		.05	.02										.1-s
9	.21		.23			.10	.03	.30-s	.27-s								
10	.20	.50	.25	.10	.33	.25-s	.2	.27-s	.25-s							.12-s	.32-s
11							.40	.04-s	.05-s								
12	.22		.30		.12	.30		.10-s	.07-s							.18-s	.15-s
13	T						.34										
14				.08													
15			T														
16	T		T														
17	T																
18																	
19	.01		T				.01										
20																	
21																	
22																	
23	.01																
24	T	.02	.08			.08-s										.12-s	
25	.17		.15		.18	.30-s	.15	.08	.08							.17-s	
26	.16	.31	.25			.25	.15	.30	.33								.22-s
27	.1	.16	.14	.50	.50			.10	.12							.36	.16
28	T					.25	.01									.24	
29																	
30																	
31																	
TOTAL	2.18	1.56	2.12	1.85	2.48	3.1	2.31	1.71	1.66					-		2.78	1.44

No Record
Station Discontinued.

Note: Measurements from Station 10 are for the 2-hr. period ending 5:00 P.M.
Stations 10, 21, 22 and 23 are for the 2-hr. period ending midnight.
all other stations are for the 2-hr. period ending 5:00 A.M.

February 1940

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
DATE	12	16	17	Paradise Creek	31	32	38	49	111	112	115			South Fork	Palouse River		
														5	6	7	9
1																	
2	.07								.08-s	.05-s							
3	.02	.11-s	.13			.16-s	.13-s	.21	.18					.15-s		.30-s	.05-s
4	.16	.22	.19		.35-r	.11-r	.20-r	.21	.10	.13				.26		.12	.21
5	.07								.16	.12							
6	1.23	1.02	.61		1.02		1.25	.76	.4	1.20				.33		1.49	.30
7					.30	1.27	.16	.29						.25		.20	.29
8	.02	.12							.10	.15							
9	.26	.12	.22		.12	.32	.18	.10	.22	.27				.18		.25	.08
10	.05	.01	.07		.18	.28	.25	.2	.27	.2				.21		.36	.19
11	.01	.05			.05	.02	.05							.20		.36	.0
12									.21	.18							
13	.15		.01					.01	.21	.01						.2-s	
14	.06	.11-r	.13		.22	.05	.15	.1-s	.01					.18-r		.27-s	.29-s
15																	
16	.01								.01-s	.06-s							
17	.15		.01		.18	.27-r		.13	.10	.31				.30		.45	.28
18	.21	.36-r	.25		.32-r	.15-r	.15-r	.15-r	.15-s	.15-s						.15-r	
19	T				.20	.03	.50-s	.02								.25	.34-r
20	T																
21																	
22	.11		.13				.03	.29-s	.03-s							.19	
23	.01	.17-r	.08		.17-s	.35-r	.28-s	.13-r	.06-s	.03-s				.32-r		.12-r	.0-s
24								.13		.13							
25	.38	.30	.25		.28	.51	.30	.25	.62	.15						.15	.20
26	.11		.51		.2	.03	.09	.10	.31	.27				.11		.56	.36
27	.22	.91	.21		.31	.01	.01	.17	.21	.03				.22		.42	.33
28	.31	.38	.11		.70	.35	.1	.15	.36							.1	.2
29	.02	T	.20		.31	.60	.39	.31	.02	.02				.12		.25	.39
30																	
31																	
TOTAL	4.06	3.94	3.23		5.12	6.02	6.53	3.96	4.97	4.77				4.75		7.25	4.43

Record on file at State College of Washington

*Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO S.C.S.-Wash.-1MONTH OF January & February 1940

SHEET 2
OF 2 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	49	111	112	115				5	6	7	9
1	.12		.22	.02	.04	.63	.12	.23	.20							.33	
2	.36	.16	.11	.18	.29	.05	.16	.18	.22							.31	
3	.29	.15	.15	.25	.09	.17	.16	.13	.11							.53	.15
4	.18	.12	.10	.15	.12	.10	.12	.16	.17							.23	
5		.07	.05		.10		.07									.04	
6	.02	.03	.05	.13			.02										
7							.03	.02									
8	.04	.02	.04	.06			.05	.02									.11-s
9	.21		.23				.10	.07	.30-s	.27-s							
10	.20	.50	.35	.10	.33				.17-s	.14-s							
11							.10	.05-s	.10-s	.07-s							
12	.22		.30		.12	.30		.10-s	.07-s							.18-s	.15-s
13	T						.34										
14				.08													
15			T														
16	T		T														
17	T																
18								.01									
19	.01		T														
20																	
21																	
22			T														
23	.04																
24	T	.02	.08				.08-s									.12-s	
25	.17		.15		.18		.20-s	.15	.08	.18						.17-s	
26	.16	.31	.25				.17	.15	.17	.23							.22-s
27	.14	.18	.14	.38	.50		.15	.15	.10	.15						.26	.16
28	T					.25	.01									.04	
29																	
30																	
31																	
TOTAL	2.18	1.56	2.12	1.85	2.43	3.14	2.31	1.71	1.66					-		2.78	1.11

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	49	111	112	115				5	6	7	9
1																	
2	.07							.08-s	.05-s								
3	.02	.14-s	.13			.16-s	.13-s	.21	.18					.15-s		.30-s	.05-s
4	.19	.22	.17	.35-r	.11-r	.30-s	.21	.10	.12					.26		.12	.21
5	.07							.17	.36								
6	1.26	1.02	.61	1.02		1.25	.76	.16	1.20					.83		1.26	.36
7				.30	1.27	.18	.29							.25		.20	.29
8	.02	.12						.12	.15								
9	.26	.12	.22	.12	.32	.18	.10	.22	.27					.18		.26	.08
10	.05	.01	.07	.18	.28	.25	.14	.15	.14					.21		.19	
11	.01	.05		.05	.02	.05								.20		.36	.04
12								.01	.18								
13	.15		.04				.01	.21	.01							.04-s	
14	.06	.14-r	.13	.20	.05	.15	.14-s	.01						.16-r		.27-s	.20-s
15																	
16	.04							.14-s	.06-s								
17	.15		.12	.18	.03-r		.13	.10	.31					.30		.85	.30
18	.21	.36-r	.25	.30-r	.51-r	.70-r	.29-r	.32-s	.19-s							.60-r	
19	T			.29	.03	.50-s	.02									.75	.34-r
20	T													.51-r			
21																	
22	.11		.13			.03		.09-s	.06-s							.19	
23	.04	.17-r	.08	.17-s	.35-r	.23-s	.13-r	.06-s	.03-s					.32-r		.12-r	.04-s
24						.13	.13										
25	.33	.30	.25	.20	.51	.30	.23	.62	.19							.10	.20
26	.14		.12	.54	.23	.00	.20	.31	.27					.41		.56	.36
27	.22	.91	.24	.34	.61	.54	.17	.21	.25					.53		.12	.33
28	.31	.36	.11	.70		.35	.14	.19	.36							.14	.19
29	.02	T	.20	.31	.60	.39	.31	.02	.02					.12		.25	.39
30																	
31																	
TOTAL	4.06	3.94	3.23	5.12	6.02	6.53	3.96	4.97	4.77					4.75		7.25	4.43

*Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF January & February 1940SHEET 1OF 9 SHEETS

January 1940

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	115	2	47	109	116		
1	.10	.47		.33	.42	.63	.22	.42	.33	.45			.3	.12			
2	.24	.25	.21	.10	.22	.21	.22	.24	.25	.18	.20	.39	.21	.17			
3	.20	.30	.22	.20	.21			.30	.20	.15	.21		.32	.17			
4	.08	.04	.11	.11	.15	.23	.25	.24	.26	.12	.25	.17	.11	.09			
5	.05				.05	.23		.25	.06	.05	.23		.27	.06			
6	.02		.08-s	.15				.21	.02	.02	.01			.02			
7								.21									
8	.25-s			.02													
9					.08												
10	.15-s	.30-s	.3-s	.25	.13	.20-s	.1-s	.30-s	.30-s	.10-s	.1-s		.2-s	.23-s			
11								.05-s	.20-s	.12-s				.40-s			
12			.23-s	.27	.13	.17-s		.17-s	.21-s	.13-s	.15-s	.3	.23-s	.13-s			
13								.01-s			.01-s			.02-s			
14														.03-s			
15																	
16																	
17																	
18																	
19																	
20				.22		.03-s											
21																	
22					.05												
23																	
24						.05	.04-s	.06	.15	.10	.02		.11	.25			
25	.20	.00-s	.22-s	.14		.15		.10	.20	.13			.09	.11			
26	.24	.00	.29	.34	.21	.23-r	.1	.20	.28	.15		.1	.20	.24			
27	.16	.20	.22	.20	.40	.15	.19	.19	.14	.21		.68	.18	.26			
28							.04	.22	.03	.14							
29																	
30																	
31																	
TOTAL	1.89	2.28	2.03	2.12	2.09	1.66	1.62	2.52	2.11	1.30	1.94		2.67	2.46	2.09		

February 1940

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	40	48	106	107	108	115	2	47	109	116		
1																	
2																	
3	.11-s	.11-s	.19-r		.06-s	.01-s	.12-s	.13-s	.13-s	.17-s	.11-s		.10-s	.11-s			
4	.26	.32	.31	.21-r	.36	.21-s	.35	.28	.30	.25	.30		.10-r	.21	.26		
5																	
6	.77	.84		1.12	.73	1.00	.71	.24	.85	.75	.90		1.03	1.22	.92		
7	.26	.22	1.12	.19	.17	.21	.21	.20	.27	.24	.20		.30	.25	.30		
8																	
9	.11	.13		.15	.18	.11	.12	.10	.12	.12	.10		.12	.11	.11		
10	.21	.23	.39	.13	.19	.23	.29	.25	.23	.20	.32		.15	.22	.19		
11	.09					.02		.04		.04			.05		.05		
12																	
13	.02			.30-r	.12	.03-s		.06	.05				.15-s	.02			
14	.13	.38-r	.11-s	.17	.09	.14-s	.22-r	.08	.22		.12		.27-r	.20-s	.26		
15															.22		
16																	
17	.14	.27-r	.30	.30	.10	.22	.13	.29	.20	.30	.12		.25	.20			
18	.29-r		.32-r	.35-r	.35-r	.34-r	.24-r	.13	.33	.24	.33		.35-s	.25			
19	.03			.05		.03-r	.21-s	.17	.22	.21	.15		.50-r	.20	.25		
20								.03	.03								
21								.02	.02								
22				.27	.12			.01	.01				.08-s				
23	.13-s	.27-s	.32-r	.18-r	.09-r	.25-r	.25-s	.20	.24	.21	.20		.12-r	.16-s	.13		
24																	
25	.33	.30	.22	.13	.27	.20	.21	.22	.35	.33	.25		.35	.39	.33		
26	.48	.49			.20	.72	.48	.49	.42	.24	.70		.39	.49	.41		
27	.39	.50	.37	1.01	.42	.40	.43	.52	.36	.40	.47		.51	.36	.47		
28	.20	.21	.26	.45	.22	.33	.14	.20	.27	.27	.18		.20	.31	.19		
29	.35	.36	.25	.43	.25	.36	.25	.36	.23	.41	.41		.30	.30	.32		
30																	
31																	
TOTAL	4.33	4.69	5.53	5.46	4.75	5.33	4.60	4.83	4.90	4.71	5.07		4.51	5.30	4.95		

*Recording Gage. Cumulative amount for period indicated.

s-Snow

r-Rain & snow

Missouri Flat Creek
Records at Pullman, Washington.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Fullman, Washington.
Demonstration Project

PROJECT NO. 3-2-3-Wash.-1SHEET 5MONTH OF March April 1940

March 1940

OF 9 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	35	49	111	112	115							
1	T							.22	.03								
2	.50	.31	.53	.51	.71	.75-g	.02	.35	.39								
3																	
4	T	.01	.10				.07	.06	.07								
5	.05	.07		.15	.30	.35-g		.12-g	.02-g								
6							.15	.07									
7	.45		.10	.30			.50	.30	.30								
8	.50	.07	.17		.40	1.00		.30	.01								
9							.01										
10																	
11	.02							.05-r	.05-r								
12	.01	.01					.01										
13							.07										
14																	
15																	
16	.11	.10	.12	.21	.09		.13	.10	.13								
17																	
18																	
19																	
20	Notes: Measurements from station 12 are for the 24-hr. period ending 11:00 A.M.																
21																	
22																	
23																	
24	.02																
25	.37	.45	.49		.51	.50	.31	.52	.59								
26	.13	.09	.00		.17	.15	.22	.13	.18								
27	.13	.12	.14		.13	.10	.15										
28	.04	.11															
29	.05	.03	.04		.07	.10		.07	.05								
30	.01		.05														
31	.11	.07	.03		.13	.20											
TOTAL	2.38	2.02	2.09	2.21	2.35	3.10	2.11	2.30	3.02								

April 1940

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	35	49	111	112	115							
1	.45	.2	.0	.01	.01	.00	.10	.30	.11								
2	.02	.30	.07	.11	.00	.10	.00										
3																	
4								.03	.02								
5	.25	.27	.20	.39		.45	.30	.21	.21								
6																	
7	.03	.02	.01					.00	.09								
8	.10	.07	.07	.15	.10	.20	.10	.00	.00								
9	.11	.11	.29	.30	.20	.30	.30	.39									
10	.05	.01	.16	.21	.12		.10										
11																	
12																	
13																	
14																	
15																	
16			.01														
17																	
18																	
19	.23							.00	.02								
20	.02																
21	.3																
22																	
23	.10		.25					.13	.00								
24	.25	.38	.17	.25	.06	.80	.32	.17	.16								
25	.7							.30	.00								
26	.20	.13	.31	.20	.10	.27	.33										
27					.01												
28	.20	.12	.15	.15	.20	.25	.20	.20	.15								
29	.01	.01			.00		.01										
30	.06																
31																	
TOTAL	2.60	1.90	2.16	2.27	2.57	2.21	2.30	2.25	2.71								

*Recording Gage. Cumulative amount for period indicated.

s-Snow r-rain l-snow e-estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1MONTH OF March & April 19 40SHEET 6
OF 9 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	3	36	42	5	50	50	53	55	56	57	58	103	104	110	114
1															.01			
2	.52	.32	.32	.57	.10		.55	.52	.3	.50	.3	.50	.50		.5	.38		.1
3			.03				.03		.02									
4		.01																
5	.10	.07		.08		.13		.11	.32	.20	.1	.35	.35		.03			.25
6															.01			
7	.11					.09		.10	.08		.70	.38	.51	.58	.14	.27		.2
8	.77	.82	.35	.5		.20		.30	.30						.52	.59		.56
9					1.20													
10																		
11																		
12		.02						.12	.03		.02		.28		.01			.02
13																		
14																		
15																		
16	.11	.07	.09			.12	.21	.1	.10		.12	.09	.13		.09	.03		.07
17																		
18	Notes: Measurements from Station 18 are for the 2-hr. period ending 8:15 P.M.																	
19	Stations 19, 17, 11, and 114 are for the 2-hr. period ending midnight.																	
20	Stations 17 are for the 2-hr. period ending 10:00 A.M.																	
21	all other stations are for the 2-hr. period ending 8:15 A.M.																	
22																		
23																		
24																		
25	.15	.18	.32		.50		.51	.17	.25	.27	.19	.13	.13		.23	.21		.22
26	.29	.12	.17	.37	.22	.10	.51	.17	.25	.27	.19	.13	.13		.23	.21		.25
27	.21	.12	.15	.16	.22	.20	.12	.21	.11	.13	.11	.17			.16	.17		.18
28		.01							.01			.06						
29	.15	.12	.10		.08		.03	.09	.12	.10	.02				.06	.17		.12
30	.03	.07	.08		.15	.1	.14	.07	.1	.02	.37				.02	.1		.03
31	.36	.08	.01	.05	.07	.03	.03	.03	.12	.1	.07				.01	.02		.03
TOTAL	5.07	2.17	1.97	1.1	2.28	2.5	1.41	2.7	2.5	2.30	2.77	1.98	2.01		1.93	1.76		2.05

April 1940

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	19	27	28	34	36	43	45	50	52	53	55	56	57	58	103	104	110	114
1	.20	.16	.11	.12	.16	.31	.1	.51	.36	.50	.3	.50			.05	.14		.04
2	.06	.10	.1	.05	.07	.36	.57	.36	.07	.05	.08	.04	.65		.05	.02		.06
3																		
4																		
5	.37	.31	.36	.28	.27	.33		.31	.5	.32	.22	.22	.29		.30	.33		.01
6																		.02
7		.03																
8	.12	.08	.13	.14	.10	.12	.11	.11	.11	.10	.23	.06			.05	.0		.04
9	.31	.2	.29	.35	.2	.1	.12	.20	.12		.38	.23			.20	.23		.1
10	.15	.01	.1	.12	.15	.16	.15	.1	.12	.38			.55		.12	.08		.09
11																		
12																		
13																		
14																		
15																		
16	.21	.02																
17																		
18																		
19																		
20											.23					.02		
21																		
22																		
23																		
24	.50	.11	.36	.3	.59	.70	.71	.24	.27	.77	.70	.60	.69		.22	.26		.24
25	.05														.22	.18		.02
26	.18	.12	.35	.20	.23	.1	.30	.03	.13	.19	.23	.10	.25	.24	.18	.18		.12
27																		
28	.26	.13	.16	.15		.22	.13	.13	.31	.21		.21	.15	.15	.09	.11		.09
29	.03				.15	.02		.03	.03		.23	.02			.01	.0		.03
30																		
31																		
TOTAL	2.99	2.09	2.11	2.13	2.26	2.57	2.23	2.11	3.11	2.52	2.56	2.11	2.58	-	1.87	2.20		2.21

Recording Gage. Cumulative amount for period indicated.

s-Snow r-Rain & snow e-Estimate

Record the recording gage at this station to be included in a forthcoming S.C.S. Technical Publication.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

PRECIPITATION DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration ProjectPROJECT NO. S.S.S.-Wash.-1SHEET 7MONTH OF May & June 1940OF 9 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	22	25	27	30	33	34	35	106	107	108	113			2	47	109	116
DATE	.2	.20	.21	.12	.2	.27	.1	.1	.22	.12-e	.21			.28	.24	.23	
1																	
2																	
3	.10	.11	.08	.14	.10	.11	.12	.11	.08	.09	.06			.06	.12	.08	
4																	
5	.08	.07	.11	.15	.12	.14	.10-e	.25	.20	.10	.12			.12	.07-e	.10	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15	.06	.02-e	.01	.01	.01	.01	.01	.01	.01	.01	.01						
16																	
17	Notes: Measures not from station 16 are for the station. Station 16 is at the mouth of the river.																
18	Station 16 is at the mouth of the river. Station 16 is at the mouth of the river.																
19	Station 16 is at the mouth of the river. Station 16 is at the mouth of the river.																
20	Station 16 is at the mouth of the river. Station 16 is at the mouth of the river.																
21	Station 16 is at the mouth of the river. Station 16 is at the mouth of the river.																
22																	
23																	
24																	
25	.05	.12		.08	.08	.02		.08	.03	.02	.03-e			.02-e	.06		
26	.05	.03	.05				.08	.06	.01	.01	.02-e			.02-e	.02		
27																	
28																	
29																	
30																	
31	.12	.13	.07-e	.05	.12	.01	.01	.01	.01	.07-e	.12			.12	.09-e	.06	
TOTAL	.68	.61	.50-e	.82	.87	.71	.60	.62	.57	.52-e	.61-e			.73	.52-e	.55	

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	22	25	29	30	33	34	35	106	107	108	113			2	47	109	116
1					.13		.01	.01	.01	.01				.07	.21	.01	
2	.01	.03	.13	.03	.06	.10	.01	.02	.03	.02							
3																	
4																	
5																	
6																	
7	.30	.38	.12	.05	.12	.22	.15	.12	.17	.38				.20	.33	.23	
8	.09	.10	.11	.03	.12	.23	.15	.11	.07	.22						.07	
9																	
10																	
11																	
12																	
13					.10												
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	.19	.55	.69	.19	.65	.68	.85	.88	.70	.80	.73			.55	.51	.35	

Record on file at State College of Washington.

*Recording Gage. Cumulative amount for period indicated.

e-estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Demonstration Project

PROJECT NO. S.C.S.-Wash.-1
MONTH OF May & June 1940

SHEET 8
OF 9 SHEETS

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	49	111	112	115								
1	.11	.22	.08	.25	.31	.32	.21											
2	T							.10	.16									
3	.10	.07	.03	.10	.14	.15	.07											
4	.09	.03	.03					.18	.30									
5	T	.06	.05	.19	.13	.14-e	.14											
6	.03						.01											
7																		
8																		
9																		
10																		
11	.04																	
12																		
13																		
14	.07							.07	.09									
15		.04	.03		.07	.10												
16																		
17	Note: Measurements from Station 12 are for the 24-hr. period ending 5:00 P.M.																	
18	Stations 18, 27, 111 and 112 are for the 24-hr. period ending midnight.																	
19	Station 17 are for the 24-hr. period ending in the morning.																	
20	All other stations are for the 24-hr. period ending 5:00 A.M.																	
21																		
22																		
23																		
24																		
25	.22	.06	.05		.18	.20-e	.01	.12	.15									
26				.10	.08			.10	.10									
27																		
28																		
29																		
30	.03	.03	.03															
31	T	.09	.10	.10	.14	.03	.11	.01	.63									
TOTAL	.72	.60	.45	.74	.95	1.99-e	.60	.62	.88									

STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
DATE	12	16	17	31	32	38	49	111	112	115								
1	.06	.07	.07															
2	.01			.12	.06		.07	.04	.12									
3																		
4																		
5																		
6																		
7	.24	.21	.21		.32	.25	.18	.22	.25									
8	.05	.08	.07	.30	.29	.12	.08	.02	.21									
9							.02											
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
TOTAL	.36	.36	.35	.42	.58	.44	.35	.29	.58									

Record on file at State College of Washington.

*Recording Gage. | Cumulative amount for period indicated.

e-Estimate

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

-ADP-2000, SON

RECORD OF DAILY PRECIPITATION

NAME South Fork Palouse River LOCATION Pullman, Washington.
Recreation Project

PROJECT NO. S.C.S.-instr.-1

MONTH OF May & June

1910

MAY 1940

SHEET 9

OF 3 SHEETS

[illegible]

June 1940																	
STATION	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
							South Fork	Paleose	River								
DATE	19	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11
1	.07	.05				.09				.09	.08		.09		.02	.02	.01
2	.08			.11	.10			.11	.08	.04	.01			.10	.03	.03	.01
3																	
4																	
5																	
6																	
7	.12	.18			.20	.23		.29	.39	.18	.29		.27	.23	.17	.11	.11
8	.21	.05		.27	.06	.12		.21	.39	.23	.18		.06		.10	.18	.15
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
TOTAL	.51	.28	-	.18	.10	.26	-	.41	.47	.34	.56	-	.42	.53	.32	.37	.32

Records from recording tapes at this station to be included in a forthcoming S.C.S. Technical Publication.

*Recording Gage. †Cumulative amount for period indicated.

e-estimate



Tabulations of Hydrologic Data

HOURLY PRECIPITATION
FROM RECORDING GAGES

1934 to 1940



Date October 15, 18, 20, 21, 23, 24, and 25, 1934 DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date _____

Date Nov. 1, 2, 3, 4, 17, 19, 20, 21, 24, 25, 27, 28, 29, & 30, 1934 DATA Hourly precipitation from recording gages

[illegible]

Station No.	A. M.											P. M.											SUM	MEAN	Station No.		
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10				11	EDT
	November 21, 1934																										
101						.01																			.11	101	
104	.10	.01																							.02	104	
	November 24, 1934																										
101																						.04	.05	.01	.10	101	
104																						.04	.09	.01	.14	104	
	November 25, 1934																										
101		.02	.01	.01																					.04	101	
104	.01	.01	.02							.01															.05	104	
	November 27, 1934																										
101										.27	.01		.01	.03											.32	101	
104										.04	.06	.08	.04	.03	.01										.26	104	
	November 28, 1934																										
101											.01		.01		.01	.03	.03	.08	.17						.12	101	
104									.01					.09		.01	.11										104
	November 29, 1934																										
101	.01		.01																						.02	101	
104	.01	.01	.01										.01												.04	104	
	November 30, 1934																										
101											.08	.08													.16	101	
104																									0.00	104	
SUM																											
MEAN																											

[illegible]

STATION Feb. 11, 13, 20, 21 & 22, 1935

DATA Hourly precipitation from recording gages.

Sta. No.	A. M.											P. M.											SUM	MEAN	Sta. No.	
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10				11
															</											

A. M.												P. M.												SUM	MEAN	Sta. No.
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT			
Sta. No.																										
<u>February 20, 1935</u>																										
105																.04	.10	.07	.01					.22	105	
101																.01	.21	.07						.09	101	
104																								-	104	
Record Incomplete																										
<u>February 21, 1935</u>																										
105						.01										.01	.01					.01	.04	105		
101												.01					.01						.02	101		
104																								104		
Record Incomplete																										
<u>February 22, 1935</u>																										
105	.04	.02	.02	.02		.01	.01		.03	.03													.18	105		
101							.02	.05	.01	.12													.20	101		
104		.02						.02	.01	.11													.16	104		

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

Date _____

~~SECTION~~ Var. 7, 8, 10, 11, 12, 13, 24, 25, 1-35.

DATA only precipitation from November to June

Sta. No	A. M.												P. M.												SUM	MEAN	
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NIGHT			
	<u>March 7, 1935</u>																										
105													.01	.02	.02	.01	.01	.01		.01	.02	.01		.01	.13	105	
101																			.01					.01	.02	101	
104																	.01		.13					.01	.15	104	
	<u>March 8, 1935</u>																										
105	.01	.01			.16																			.13	105		
101											.11	.01												.12	101		
104																								-	104		
	<u>March 10, 1935</u>																										
105																		.03	.02	.02	.01	.01	.01	.11	105		
101																						.01		.01	101		
104																								-	104		
	<u>March 11, 1935</u>																										
105	.02	.01		.01		.01	.01	.01					.01		.01							.01	.01	.11	105		
101							.01	.02										.02	.01					.06	101		
104																								-	104		
SUMS																										SUMS	
MEANS																										MEANS	

Sta. No.		A. M.											P. M.											Sta. No.			
		1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NIGHT	SUM	MEAN
		<u>March 11, 1935</u>																									
105		.01	.02	.04	.05		.01					.04						.02	.02	.03	.03	.03			.02	.36	105
101							.02	.01	.02	.02								.05	.05	.03	.02	.06	.02	.01		.32	101
104														Record Incomplete													104
		<u>March 13, 1935</u>																									
105							.01					.01			.01											.03	105
101		.01																								.01	101
104														Record Incomplete													104
		<u>March 24, 1935</u>																									
105														Record Incomplete													105
101															.01	.01		.04	.05	.04	.01	.01	.01			.18	101
104														Record Incomplete													104
		<u>March 25, 1935</u>																									
105														Record Incomplete													105
101		.02	.03	.11	.05	.06	.04	.12	.29	.04	.04		.01	.01	.02	.01	.02									.87	101
104														Record Incomplete													104
		</																									

Date April 4, 5, 7, 8, 15, 20, 21, 22, & 23, 1935 DATA Hourly precipitation from recording gages.

Sta. No.	A. M.												P. M.												SUM	MEAN	Sta. No.	
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NIGHT				
	<u>April 4, 1935</u>																											
105																		.02	.04	.03						.09	105	
101																		.01	.01	.01	.03	.02	.05			.40	101	
104																										.02	104	
	<u>April 5, 1935</u>																											
105				.02	.01	.01	.05	.03	.01	.01																.27	105	
101				.01															.06								.14	101
104			.01			.01			.07									.04									.13	104
	<u>April 7, 1935</u>																											
105																	.05	.12	.06	.09	.04	.01	.02	.22		.41	105	
101										.01				.04	.02		.04	.17	.10	.09	.05	.01	.03	.01	.57	101		
104								.06				.03	.01			.04	.12	.06	.11	.08	.03	.01	.02		.52	104		
	<u>April 8, 1935</u>																											
105	.04					.04		.01	.01	.02	.02															.14	105	
101		.01		.01		.04	.01		.01				.01	.01												.10	101	
104	.01			.02	.04		.01						.02													.10	104	
	<u>April 15, 1935</u>																											
105										.12	.05	.16	.12	.04	.13	.07	.01									.70	105	
101						.01				.12	.07	.06	.08	.04	.03	.08	.07							.01	.72	101		
104								.01	.02	.15	.02	.05	.09	.03	.05	.02	.04									.60	104	
SUM																									SUM			
MEANS																									MEANS			

[illegible]

Date May 15 & 16, 1935

DATA Hourly precipitation from recording gages.

[illegible][illegible]

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET

Sheet 6 of 12 Sheets.

Date June 14, 15, 28 & 29, 1935

DATA_Hourly precipitation from recording gages

[illegible][illegible]

Date July 6, 7, & 8, 1935

DATA Hourly precipitation from recording gages.

A. M.												P. M.												SUM	MEAN	Sta. No.	
Sta. No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT			
July 6, 1935																											
105																		.64	.26	.04	.02				.96	105	
101																		.06	.10	.01	.02				.19	101	
104																		.27	.26	.25	.02				.20	104	
July 7, 1935																											
105													.01												.09	.10	105
101						.01								.01											.04	.06	101
104														.02			.01								.15	.18	104
July 8, 1935																											
105	.01		.05			.06	.42	.34																	.18	105	
101		.09	.02				.02	.01																	.20	101	
104		.08			.01	.02	.07																		.18	104	
SUMS																											
MEANS																											

[illegible]

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET

Sheet 8 of 12 Sheets.

Date Aug. 18 & 31, 1935

DATA Hourly precipitation from recording gages.

Sta. No.	A. M.											P. M.											SUM	MEAN	Sta. No.		
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10				11	MIDT
	<u>August 18, 1935</u>																										
105	Record Incomplete																							-		105	
101					.01		.05	.01									.01	.02							.11		101
104					.01		.01			.01							.04	.01							.08		104
	<u>August 31, 1935</u>																										
105																								0.00		105	
101																								0.00		101	
104	.33 .01																							.34		104	

[illegible]

HYDROLOGIC DIVISION

Date Sept. 14, 15, & 16, 1935

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date Oct. 4, 5, 11, 12, 21, & 22, 1935

DATA__Hourly precipitation from recording gages.

A. M.												P. M.												SUM		MEAN	
Sta. No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MDT			Sta. No.
<u>October 4, 1935</u>																											
105																											105
101																											101
104																											104
<u>October 5, 1935</u>																											
105	.01	.03	.10	.02																							105
101	.10	.03	.03	.01																							101
104	.11			.01																							104
<u>October 11, 1935</u>																											
105																											105
101																											101
104																											104

A. M.													P. M.													SUN	MEAN	Sta. No.
Sta. No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT				
<u>October 12, 1935</u>																												
105	.01	.02	.05	.03					.01			.01													.05	.18	105	
101	.02	.09	.04				.01									.01									.02	.01	.20	101
104	.01	.02	.10	.02															.02	.01					.03	.21	104	
<u>October 21, 1935</u>																												
105												.02	.06	.03	.02											.13	105	
101												No Record														-	101	
104											.08	.02				.01	.01									.12	104	
<u>October 22, 1935</u>																												
105								.05	.07			.01														.13	105	
101						.03	.01																			.04	101	
104						.02																				.02	104	
SUMS																												
MEANS																												

DATA Hourly precipitation from recording gages.

A. M.													P. M.													SUM		MEAN		Sta. No.
Sta. No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NOT						
<u>November 22, 1935</u>																														
105																									0.00		105			
101																	.06	.04	.02	.05	.03	.04				.24		101		
104																			.03	.03	.02	.01				.09		104		
<u>November 23, 1935</u>																														
105						.01	.02	.06	.09	.13											.03	.01				.35		105		
101										.01											.01	.04				.27		101		
104						.07	.06	.01														.22				.16		104		
<u>November 24, 1935</u>																														
105						.02	.02																			.04		105		
101						.01	.01	.03													.01					.06		101		
104						.01	.01	.01	.01																	.04		104		
SUM																														
MEAN																														

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET
Sheet 12 of 12 Sheets.

Date Dec. 7, 11, 12, 24, 25, 26, 27, 30, & 31, 1935 DATA Hourly precipitation from recording gages.

A. M.												P. M.												SUM	MEAN				
Sta.	No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT		Sta.	No.	
<u>December 7, 1935</u>																													
105													.05	.02	.01		.02	.03	.03	.01	.01			.02	.01		.22	105	
101												.02			.10									.01				.13	101
104							.01	.01						.09	.03	.01	.01	.01			.01	.02						.20	104
<u>December 11, 1935</u>																													
105					.04											.05	.06	.01	.08	.04	.06	.01		.01	.03		.39	105	
101																.02	.02	.04	.04	.04	.06	.03	.01				.28	101	
104														.02	.02	.03	.01	.03		.02	.02					.05	.21	104	
<u>December 12, 1935</u>																													
105		.07	.06	.06	.03	.01	.09	.03	.02																		.37	105	
101		.03	.05	.05	.05	.03	.04	.01	.02		.01		.01														.28	101	
104		.06	.05	.03	.02	.01	.01	.01																			.19	104	
<u>December 24, 1935</u>																													
105																						.01	.02	.02	.02		.07	105	
101														.01									.01	.02	.03		.07	101	
104																						.02	.02	.01			.05	104	
<u>December 25, 1935</u>																													
105		.01			.01											.03	.04	.02	.01	.01	.02	.03	.04	.03	.04	.03	.30	105	
101						.01							.01	.04	.04	.02	.01	.01	.01	.01	.02	.03	.04	.02	.02		.29	101	
104													.02	.02	.02	.02	.01	.01	.01		.02	.04	.02	.03	.01	.24	104		
SUM																													
MEANS																													

[illegible]

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET
Sheet 2 of 12 Sheets

Date January 12, 13, 14, 19, 20, & 27, 1936 DATA Hourly precipitation from recording gages.

A. M.											P. M.											SUM		MEAN		
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WIDE	Station No.	
January 12, 1936																										
105				.01	.01		.01	.01		.02		.24	.02	.01	.05	.01		.05	.05	.09	.10	.06	.07	.03	.84	105
101										.07	.24	.35	.01	.03	.05	.03	.02	.03	.27	.13	.03	.10	.01		.66	101
104				.02	.04	.04			.02	.03	.03	.03	.05	.02	.03	.02	.01	.05	.01	.34	.06	.11	.07		.69	104
January 13, 1936																										
105	.01	.01	.01	.03					.02	.05															.13	105
101				.04	.01	.01			.03																.09	101
104		.02																							.02	104
January 14, 1936																										
105									.01	.01	.01				.02	.01			.02						.08	105
101	.02	.01					.01		.01	.01				.01	.02	.01	.01	.04							.15	101
104										.01	.04									.05	.02				.12	104
January 15, 1936																										
January 16, 1936																										
January 17, 1936																										
January 18, 1936																										
January 19, 1936																										
January 20, 1936																										
January 21, 1936																										
January 22, 1936																										
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January 26, 1936																										
January 27, 1936																										
January 28, 1936																										
January 29, 1936																										
January 30, 1936																										
January 31, 1936																										
February 1, 1936																										
February 2, 1936																										
February 3, 1936																										
February 4, 1936																										
February 5, 1936																										
February 6, 1936																										
February 7, 1936																										
February 8, 1936																										
February 9, 1936																										
February 10, 1936																										
February 11, 1936																										
February 12, 1936																										

Station No.	A. M.											P. M.											SUM	MEAN	Station No.													
	1	2	3	4	5	6	7	8	9	10	11	MOON	1	2	3	4	5	6	7	8	9	10				11	INT'D											
	January 19, 1936																																					
105		.02	.01	.01	.01	.01	.01			.01			.01	.02	.04	.06	.08	.07	.05	.04			.03	.02	.50	105												
101		.01		.01		.01	.01			.01			.04	.02	.05	.03	.03	.07	.04	.01			.07	.01	.51	101												
104		.01	.02		.02	.01	.02			.01			.01	.02	.02	.02	.01	.01	.09	.06			.01	.01	.36	104												
	January 20, 1936																																					
105		.01	.02																																	.03	105	
101			.01																																		.01	101
104			.01																																		.02	104
	January 27, 1936																																					
105																	.01	.01	.02	.01		.01	.01	.07	105													
101							.01	.02	.02	.01								.01		.07	101																	
104							.03	.02	.01	.01								.01	.03	.03		.01	.20	104														
SUMS																																						
MEANS																																						

Date February 5, 6, 12, 20, 21, and 27, 1936 DATA Hourly precipitation from recording gages.

[illegible]

A. M.												P. M.												SUM	MEAN	Station No.
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	W.D.T.			
Station No.																										

Date _____

March 8, 9, 14, 27, 28, and 29, 1936

DATA Hourly precipitation from recording gages.

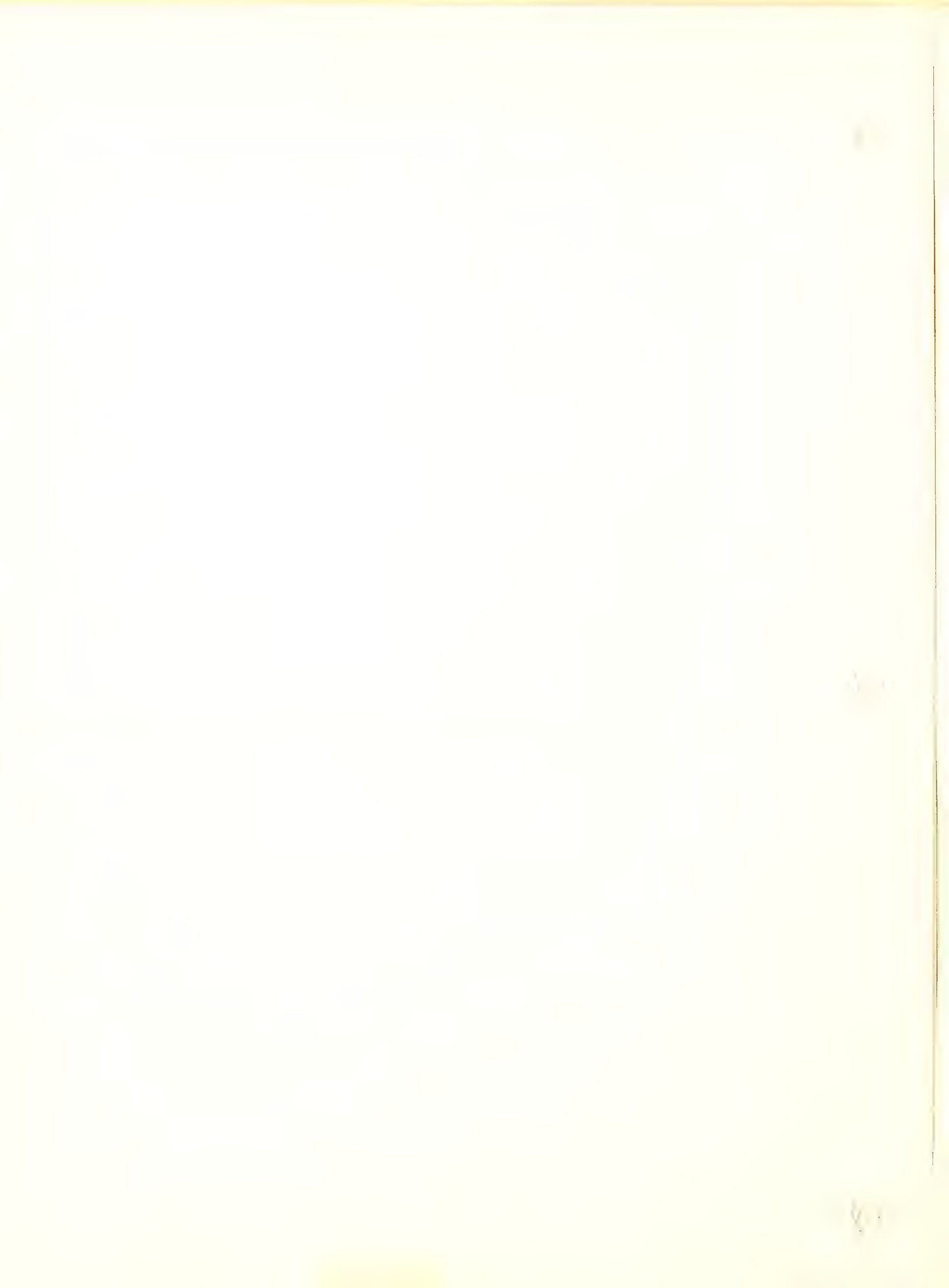
A. M.											P. M.											SUM		WEAR					
Station No.	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	11	12	11	12	
	<u>March 8, 1936</u>																												
105											.01	.02	.02	.06	.01	.03	.02	.02	.04	.05	.01	.03	.03			.01	.01	.37	105
101											.02	.01	.05	.04	.02	.03	.01	.01	.08	.02	.01	.01				.01	.32	101	
104												.03	.03	.06	.01	.05	.02	.21	.09							.01	.01	.32	104
	<u>March 9, 1936</u>																												
105																													
101	.02	.01																											
104		.01	.03																										
	<u>March 12, 1936</u>																												
105					.02	.03	.02	.08																					
101																													
104						.04	.05	.01																					
	<u>March 14, 1936</u>																												
105											.01	.04	.03	.01	.06			.02	.04	.04									
101																													
104											.01	.01					.01	.02	.02	.04									
	<u>March 15, 1936</u>																												
105																													
101																													
104																													
	<u>March 16, 1936</u>																												
105																													
101																													
104																													
	<u>March 17, 1936</u>																												
105																													
101																													
104																													
	<u>March 18, 1936</u>																												
105																													
101																													
104																													
	<u>March 19, 1936</u>																												
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104																													
	<u>March 20, 1936</u>																												
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104																													
	<u>March 21, 1936</u>																												
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101																													
104																													
	<u>March 22, 1936</u>																												
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104																													
	<u>March 23, 1936</u>																												
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104																													
	<u>March 24, 1936</u>																												
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	<u>March 26, 1936</u>																												
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104																													
	<u>March 27, 1936</u>																												
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	<u>March 28, 1936</u>																												
105																													
101																													
104																													
	<u>March 29, 1936</u>																												
105																													
101																													
104																													
	<u>March 30, 1936</u>																												
105																													
101																													
104																													
	<u>March 31, 1936</u>																												
105																													
101																													
104																													
	<u>April 1, 1936</u>																												
105																													
101																													
104																													
	<u>April 2, 1936</u>																												
105																													
101																													
104																													
	<u>April 3, 1936</u>																												
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104																													
	<u>April 4, 1936</u>																												
105																													
101																													
104																													
	<u>April 5, 1936</u>																												
105																													
101																													
104																													
	<u>April 6, 1936</u>																												
105																													
101																													
104																													
	<u>April 7, 1936</u>																												
105																													
101																													
104																													
	<u>April 8, 1936</u>																												
105																													

[illegible]

Date April 22, 23, 24, and 30, 1936 DATA Hourly precipitation from recording gages

A. M.												P. M.												SUM	MEAN
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	HOT	Station No.
							</																		

[illegible]



Date May 2, 5, 14, and 16, 1936

DATA Hourly precipitation from recording gages

Station No.	A. M.											P. M.											Station No.			
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10		11	MEAN	
	<u>May 2, 1936</u>																									
105																						.24	.22		.26	105
104																						.12			.12	104
	<u>May 5, 1936</u>																									
105						.01	.04	.04	.12	.10	.01														.32	105
104						.01	.02	.08	.07	.05	.02														.25	104

Date June 1, 2, 3, 6, 7, and 14, 1936

DATA Hourly precipitation from recording gages.

	A. M.											P. M.											SUM	MEAN		
Station No.	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	STATION NO.	
	<u>June 1, 1936</u>																									
105	.02	.08	.01																			.03	.14		105	
102	.04	.03	.01																				.08		102	
104													.01										.01		104	
	<u>June 2, 1936</u>																									
105										.01	.01	.01	.04	.01	.01					.03	.01		.02	.15	105	
102											.01	.01				.05	.01			.01	.03		.01	.13	102	
104														.01	.02	.03				.01	.01		.01	.01	.10	104
	<u>June 3, 1936</u>																									
105	.02	.01	.01	.02	.02	.01	.01	.02	.01					.02									.15		105	
102	.01	.01	.01		.03	.02	.02			.01	.01												.12		102	
104			.01	.04	.02	.01	.01	.01															.10		104	
	<u>June 4, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 5, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 6, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 7, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 8, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 9, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 10, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 11, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 12, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 13, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 14, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 15, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 16, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 17, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 18, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 19, 1936</u>																									
105																									105	
102																									102	
104																									104	
	<u>June 20, 1936</u>																									
105																										

[illegible]

Date July 7 and 9, 1936

DATA Hourly precipitation from recording gages.

Station No.	A. M.										P. M.										SUM	MEAN	Station No.
	1	2	3	4	5	6	7	8	9	10	NOON	1	2	3	4	5	6	7	8	9			
	July 7, 1936																						
105																		.03	.07		.10	105	
102																		.11	.07		.18	102	
104																			.01	.01		.02	104
	July 9, 1936																						
105	.02	.02				.01	.01				.01	.05	.03	.01							.16	105	
102		.01					.01				.02	.06	.02								.12	102	
104	.01		.03				.01				.02	.03									.10	104	
SUMS																							SUMS
MEANS																							MEANS

[illegible]

Date September 1, 2, and 3, 1936

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date October 14, 1936

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date November 3, 4, and 5, 1936

DATA: Hourly precipitation from recording gages.

[illegible][illegible]

A. M.												P. M.												SUM		MEAN	
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NIGHT	Station No.		
<u>December 21, 1936</u>																											
105													.03	.05	.03		.03			.04	.02	.03	.01	.24	105		
102													.03	.07	.03					.01	.03	.01	.01	.19	102		
104													.03	.06						.01	.02	.04	.01	.17	104		
<u>December 23, 1936</u>																											
105														.02	.05	.01	.03	.01	.04	.02	.01	.01	.01	.21	105		
102														.01	.02	.01	.01	.03	.04	.02		.01	.01	.16	102		
104													.01		.03	.01	.02	.05	.03		.03		.01	.19	104		
<u>December 24, 1936</u>																											
105	.02	.06	.05	.03	.01	.05	.02		.06		.01	.03	.03			.01								.38	105		
102	.04	.08	.05	.03	.01	.03	.01	.01																.26	102		
104	.03	.09	.05	.01	.01		.02		.04															.25	104		
<u>December 27, 1936</u>																											
105																				.01	.05	.02	.01	.21	105		
102																			.01	.01	.01	.04	.08	.04	.19	102	
104																			.01					.01	104		
<u>December 28, 1936</u>																											
105	.04	.01																						.05	105		
102	.01	.01				.01	.05	.04	.01	.03	.01													.17	102		
104											.01			.01			.01							.03	104		
SUMS																											
MEANS																											

Project:- S.C.S. - Wash. - 1
Fullman, Wash.

Sheet 1 of
13 sheets.

Date _____
 station Jan. 4 13 14 15 16 17 22 25 26 27 Feb. 2 1937 DATA _____ Hourly precipitation from recording gages.

Sta. No.		A. M.											P. M.											SUM		MEAN		
	No.	1	2	3	4	5	6	7	8	9	10	11	WIND	1	2	3	4	5	6	7	8	9	10	11	WIND			
		<u>January 11, 1937</u>																										
105																											105	
102																											102	
104																											104	
		<u>January 13, 1937</u>																										
105																											105	
102																											102	
104																											104	
		<u>January 14, 1937</u>																										
105																											105	
102																											102	
104																											104	
		<u>January 15, 1937</u>																										
105																											105	
102																											102	
104																											104	
		<u>January 16, 1937</u>																										
105																											105	
102																											102	
104																											104	
		<u>January 17, 1937</u>																										
105																											105	
102																											102	
104																											104	
SUMS																											SUMS	
MEANS																											MEANS	

	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WID	SUN	MEAN	
	January 27, 1937																										
105	.01	.01						.01	.01	.01			.01	.02	.02	.02	.02	.02	.01	.01	.01	.01			.02	105	
102								.02	.02	.01	.02	.02	.01	.01	.01	.01								.01	.16	102	
104								Record Incomplete																		104	
	January 28, 1937																										
105					.02	.03	.01	.02	.01	.01													.01	.02	.01	.14	105
102					.01	.02		.01							.01	.01							.01	.01	.08	102	
104					Record Incomplete																		104				
	January 29, 1937																										
105	.01	.01		.01	.02		.01	.01	.02		.01			.02	.04	.02	.04	.02	.01						.23	105	
102					.1										.01	.02	.03	.02	.01						.04	102	
104					Record Incomplete																		104				
	January 30, 1937																										
105																		.01	.01						.02	.04	105
102																			.01						.01	.02	102
104					Record Incomplete																		104				
	January 31, 1937																										
105	.03	.02	.01																							.36	105
102	.01	.01	.03																							.05	102
104					Record Incomplete																		104				
SUN																											
MEAN																											

Project:-S.C.C. - Wash. - 1
Pullman, Wash.

Sheet 2 of
13 sheets.

Date Feb. 2, 3, 4, 7, 11, 12, 13 & 14, 1937

DATA _____ Hourly precipitation from recording gauges.

A. M.													P. M.													SUM	MEAN	JENKX Sta. No.
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	M.D.T.					
<u>February 2, 1937</u>																												
105						.01	.01	.01					.01	.04							.03	.04	.01			.16	105	
102													.03							.02	.01	.04	.01			.13	102	
104																						.01	.04		.01	.06	104	
<u>February 3, 1937</u>																												
105													.01	.04	.03	.01							.05	.01	.15	105		
102													.03	.02	.01							.01	.01			.08	102	
104							.01									.01										.02	104	
<u>February 4, 1937</u>																												
105	.01										.01	.04	.03					.03	.04	.01						.17	105	
102			.02								.01	.01						.02	.05	.01	.01					.13	102	
104																		.03	.03	.02	.01					.15	104	
SUMS																												
MEANS																												

Sta. No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	SUN	MEAN	MEAN	Sta. No.	
<u>February 7, 1937</u>																													
105												.01	.01	.02	.02	.02	.02		.03	.01	.01	.01					.17	105	
102												.01		.01	.01			.01	.05	.02	.01						.12	102	
104												.01		.02		.01		.02	.03	.01	.01						.13	104	
<u>February 11, 1937</u>																													
105		.02	.01	.02	.06	.27	.25	.03	.02	.05	.05	.01			.01	.01	.02	.01	.03	.01	.01	.01	.03	.02			.62	105	
102			.02		.01	.01	.01	.02	.02			.01			.01	.01	.01	.02	.01	.02			.02	.01	.03		.63	102	
104		.01	.01	.03	.01	.02	.01	.01	.01	.01	.02	.02	.03			.01	.01	.04	.01	.02	.01	.04			.04		.37	104	
<u>February 12, 1937</u>																													
105												.01	.01	.01	.01	.01											.05	105	
102		.01	.01																								.02	102	
104		.01																									.02	104	
<u>February 13, 1937</u>																													
105																										.04	.05	.05	105
102																								.03	.09	.02	.16	102	
104																								.01	.01	.01	.03	104	
<u>February 14, 1937</u>																													
105		.04	.01																								.10	105	
102		.02	.01		.03	.01	.01																				.08	102	
104												.01															.01	104	
SUMS																													
MEANS																													

Date Aug. 17, 20, 21, 22 & 27, 1957
~~Source~~

DATA Hourly precipitation from recording gauges.[illegible][illegible]

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET

Sheet 2 of
13 sheets.

Date _____

Mar. 1, 2, 9, 15, 16, 17, 18, 22, 30, & 31, 1937

DATA

Hourly precipitation from recording gages.

Sta.No.	A. M.											P. M.											Sta.No.					
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MDT	SUM	MEAN		
	<u>March 1, 1937</u>																											
105						.01						.01										.01	.02	.09	.15		105	
102					.01	.01	.02																	.01	.01	.06		102
104					.01																		.01	.01	.01	.04		104
	<u>March 2, 1937</u>																											
105	.03	.02		.01	.01	.01	.03	.01						.02	.16	.12			.01							.43		105
102	.02	.01	.01				.02	.01							.06	.02	.06	.10								.43		102
104	.01	.02					.01	.01																		.02		104
	<u>March 9, 1937</u>																											
105															.02	.08	.04	.03								.17		105
102															.02	.01	.03	.04	.04	.02						.16		102
104															.01	.03	.05	.04	.06	.24						.23		104
	<u>March 15, 1937</u>																											
105																.06	.02	.03	.06	.03	.01	.01	.01	.26				105
102																.04	.02	.01	.03	.04	.06	.02	.01	.27				102
104																.01	.01	.04	.01	.06	.03	.03	.04	.05	.03	.32		104
	<u>March 21, 1937</u>																											
105							.01																			.01		105
102	.01		.01																							.02		102
104	.02		.02																							.04		104
SUMS																												
MEANS																												

[illegible]

Date April 1, 4, 9, 12, 13, 14, 15, 20, 27 & 28, 1937 DATA Hourly precipitation from recording gages.

Sta.No.	A. M.												P. M.												Sta.No.		
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	M.D.T.	SUM	MEAN	
	<u>April 1, 1937</u>																										
105	.08	.03	.04	.04	.05	.03	.04	.04	.05	.04	.04	.04	.02			.01		.02								.57	105
102	.01	.02	.02	.04	.04	.03	.01	.02	.03	.03	.02	.04	.02							.01	.01					.35	102
104	.04	.04	.03	.04	.02	.02		.03	.03	.04	.03	.02	.01					.04								.32	104
	<u>April 4, 1937</u>																										
105													.03	.09	.07	.09	.04	.05	.01							.32	105
102													.01	.01	.03	.01	.01	.03								.21	102
104													.03	.04	.02	.04	.01									.20	104
	<u>April 8, 1937</u>																										
105											.02	.12	.04	.01	.04											.23	105
102												.12	.06	.03	.03											.29	102
104										.01	.05	.10	.04	.03	.03											.24	104
	<u>April 12, 1937</u>																										
105																				.01	.03	.04	.13				105
102																					.04	.10	.14				102
104																				.02	.03		.05				104
	<u>April 13, 1937</u>																										
105	.01	.02	.04	.05	.02	.05	.01				.01															.49	105
102		.01	.02	.03	.10	.15	.02	.02																		.35	102
104				.01	.22	.06	.03																			.32	104
SUMS																									SUMS		
MEANS																									MEANS		

[illegible]

DATA Hourly precipitation from recording gages.[illegible]

DATA_____ Hourly precipitation from recording gages.

[illegible]

[illegible]

Date ~~SPRING~~ Aug. 1, 13 & 22, 1937

DATA Hourly precipitation from recording gages.

Sta. No.	A. M.											P. M.											SUM	MEAN	Sta. No.			
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10				11	MIDT	
	<u>August 1, 1927</u>																											
105	.01	.01	.04	.01				.03																		.16	105	
102	.01	.01	.01						.02																		.25	102
104					.04	.02		.01																			.17	104
	<u>August 13, 1927</u>																											
105			.15	.02				.01																			.18	105
102			.16		.01																						.17	102
104			.13	.01																							.14	104
	<u>August 22, 1927</u>																											
105																					.16	.02					.13	105
102																					.18	.01					.17	102
104																					.11	.04	.01				.16	104
SUMS																										SUMS		
MEANS																										MEANS		

[illegible]

DATA Hourly precipitation from recording gages.

[illegible]

Project:-S.C.S.- Wash. - 1
Pullman, Wash.

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13 sheets

Date Oct. 1, 2, 3, 16, 24, 30 & 31, 1937 DATA Hourly precipitation from recording gages.

Sta. No.	A. M.											P. M.											Sta. No.				
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	SUM	MEAN	
<u>October 1, 1937</u>																											
105						.01	.01	.02	.02	.03	.02			.02	.01	.02	.01								.22		105
102							.01	.01	.01	.03	.03	.01	.01	.01	.02	.01	.01	.01							.16		102
104						.01		.01	.01	.02	.02	.01	.01		.02	.02	.01	.01							.18		104
<u>October 2, 1937</u>																											
105	.01						.01	.04	.03	.02	.01			.04	.04	.02									.21		105
102	.02	.01					.01	.04	.02	.02	.01			.04	.04	.02									.22		102
104	.02						.01	.01	.02	.02	.01			.02	.10	.01	.02								.27		104
<u>October 3, 1937</u>																											
105							.01	.01		.01	.02	.01	.02	.05		.01									.14		105
102							.01	.04		.01	.01	.01	.01	.01		.02									.22		102
104							.01	.01			.02	.02	.02	.02											.13		104
<u>October 4, 1937</u>																											
105										.02	.01	.01	.02	.04		.01									.16		105
102										.04	.05	.02	.02	.02		.01									.25		102
104										.01	.03	.02	.02	.02											.13		104
SUMS																											
MEANS																											

[illegible]

Sta. No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	SUM	MEAN	NO. OF	
	<u>November 19, 1937</u>																											
105														.01	.01	.05	.03	.03	.03	.04	.03				.23		105	
111				.01	.01									.01	.02	.02	.04	.02	.02	.02	.02	.02	.01		.18		111	
103														.01	.01	.04	.04								.15		103	
104				.01		.01								.03	.02	.04	.03		.01	.01					.16		104	
	<u>November 20, 1937</u>																											
105		.01	.01	.02	.04	.02						.02												.04	.16		105	
111		.01	.03	.03	.02																			.02	.01	.12		111
103			.04	.03																				.03		.10		103
104		.01	.04	.06	.06																			.01	.18		104	
	<u>November 23, 1937</u>																											
105	.02	.06		.05	.01											.11		.01	.01	.03	.08	.01	.05	.04	.48		105	
111	.03	.04	.03	.03													.20			.02		.15	.11	.33	.59		111	
103	.10	.02	.01																								103	
104	.05	.03														.05		.01	.01	.01	.14		.06	.11	.62		104	
																.02	.08		.03				.03	.09	.07	.40		104
	<u>November 24, 1937</u>																											
105																			.04	.02	.03	.02	.02	.02	.15		105	
111	.04																			.02	.03	.02	.03	.02	.15		111	
103							.02													.03	.01	.01	.01	.01	.09		103	
104																				.06	.04	.03	.02	.01	.01	.27		104
	<u>November 25, 1937</u>																											
105	.01	.01		.01	.02	.02	.02				.02	.04	.02			.02	.02	.02							.45		105	
111	.01	.01	.02	.01	.02	.01	.02	.02						.07	.08	.01	.07	.04							.39		111	
103	.02	.01																									103	
104	.01			.03	.07	.02	.01																					

Date January 12, 13, 14, 17, 18, 28, and 29, 1938 DATA Hourly precipitation from recording gages

	A. M.											P. M.											SUM	MEAN	
Station No.	1	2	3	4	5	6	7	8	9	10	NOON	1	2	3	4	5	6	7	8	9	10	NCT	Station No.		
	<u>January 12, 1938</u>																								
106						.01	.10				.01	.02	.02	.00								.23	106		
109												Record Missing										-	109		
111																							111		
112						.03	.09	.02	.02	.01	.01											.18	112		
103						.00	.00	.02	.01													.15	103		
104						.00	.00	.03	.02	.01												.24	104		
	<u>January 13, 1938</u>																								
106																			.02	.17	.07	.01	.27	106	
109												Record Missing										-	109		
111																							111		
112																			.02	.01	.01	.01	.05	112	
103																			.09	.10	.06		.25	103	
104																			.10	.11	.03		.24	104	
	<u>January 14, 1938</u>																								
106	.02	.02	.01									.01	.02	.04	.02	.01	.01	.01	.01	.01	.01	.20	106		
109												Record Missing											109		
111																							111		
112	.01	.00	.01	.01	.04		.02					.02	.03	.04	.02	.02	.03	.01	.01	.01	.01	.01	.02	.38	112
103	.01	.01	.02	.01	.02	.01	.01	.01				.01	.05	.08	.01	.01	.02	.03	.01	.00	.01		.27	103	
104	.03	.02	.01	.01	.02		.02	.02				.03	.03	.05	.03	.02	.01	.02	.01	.02			.25	104	
	<u>January 17, 1938</u>																								
106	.01																.01	.01	.04	.01	.03	.05	.01	.18	106
109												Record Missing												109	
111																								111	
112	.01												.02	.01	.01	.04	.04	.04	.02	.02			.23	112	
103													.01	.01	.01	.02	.03	.02	.04				.17	103	
104													.01		.01	.01	.01	.01	.01				.00	104	
SUMS																								SUMS	
MEANS																								MEANS	

A. M.												P. M.												SUM		MEAN		Station No.			
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NOON								
January 18, 1938																															
106	Record Incomplete											.04	.03	.02	.02	.01	.03	.05	.01											-	106
113	.07											.02	.02	.01	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	113	
109	Record Missing																														
111																															
112												.02	.02	.03	.02	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	112	
103												.05	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	103	
104	.01 .02											.02	.02	.01	.02	.02											.03	104			
January 22, 1938																															
106												.01	.01	.03	.03	.01											.09	106			
113												.02	.03	.05	.02											.12	113				
109	Record Missing																														
111																															
112												.01	.01	.01	.05	.01	.01	.13											.13	112	
103												.01	.01	.01	.02	.01	.16											.16	103		
104												.03	.04	.01	.02	.01	.11											.11	104		
114												.04	.05	.01	.02											.11	114				
January 24, 1938																															
106	.01	.01	.01																					.02	106						
113	.01	.01																						.02	113						
109	Record Missing																														
111																															
112	.01	.01	.01																					.03	112						
103	.01	.01	.01																					.02	103						
104	.01												.01											.02	104						
114	.02	.01																					.03	114							
SUMS																															
MEANS																															

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET

Sheet 2 of 4 sheets

Date February 1, 6, 11, and 12, 1933

DATA Hourly precipitation from recording gages

[illegible]

A. M.												P. M.												SUM	WEAR	Station No.							
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	W.D.T									
	February 11, 1938																																
106																									.05	.06	.07	.01	.15	106			
107																									.02	.05	.02	.01	.10	107			
108																									.02	.05	.02	.01	.10	108			
113																									.02	.08	.06	.15		113			
109																														Record Missing	109		
111																															111		
112																									.02	.01	.08	.01	.14		112		
103																									.09	.08	.01	.13			103		
104																									.03	.03	.02	.01	.09		104		
114																									.08	.07	.01	.01	.19		114		
	February 12, 1938																																
106	.03	.04	.11	.08	.02	.11	.11	.07	.02	.02	.01	.01	.05	.01																.59	106		
107	.02	.01	.06	.02	.02	.04	.02	.02	.04	.02			.01																		.32	107	
108	.02	.03	.08	.05	.07	.07	.07	.04	.03	.01	.13																				.20	108	
113		.03	.03	.07	.05	.05	.07	.03	.00	.02	.01	.01																			.40	113	
109																																Record Missing	109
111																																	111
112	.01	.01	.01	.03	.01	.01	.01	.01	.01	.01	.01	.01																				.34	112
103	.01	.06	.06	.12	.04	.06	.09	.03	.05	.04	.01	.03																				.71	103
104	.02	.03	.02	.02	.04	.02	.02	.02	.01	.01	.01																					.44	104
114	.01	.04	.11	.03	.01	.01	.04	.02	.02	.01	.01																					.31	114
	SUMS																																
	WEARS																																

Date March 1, 2, and 5, 1938

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date March 14, 15, 16, and 18, 1938

DATA: Hourly precipitation from recording gages

[illegible]

A. M.												P. M.												SUM		MEAN		
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDY			Station No.	
	March 16, 1938																											
106				.04	.01	.01	.01	.01			.01														.09		106	
107				.05	.01	.01		.01																	.03		107	
108			.01	.03	.01	.01		.01	.01																.08		108	
113	.01			.04	.04	.02					.01														.12		113	
109												Record Missing														109		
111																									-		111	
112				.01	.09	.01		.01			.01					.01									.14		112	
103				.10	.03		.04	.01	.04	.01															.13		103	
104				.07	.07	.03	.02	.04	.01	.01															.23		104	
114				.05	.07	.02		.02		.02															.18		114	
	March 18, 1938																											
106				.01	.01	.01	.02	.02	.03	.07	.14	.04	.13	.02											.59		106	
107			.01	.06	.03	.06	.02	.05	.12	.03	.14	.09	.02	.01											.78		107	
108			.01	.01		.01	.05	.08	.25	.02	.13	.02	.03												.61		108	
113			.01	.01	.02		.01	.02	.06	.16	.15	.14	.04												.62		113	
109												Record Missing														109		
111																									-		111	
112				.03	.02	.02	.03	.07	.08	.05	.02	.10	.03	.02		.01									.43		112	
103				.01			.01	.04	.05	.06	.07	.04	.04	.01											.13		103	
104			.01	.01	.01		.02	.02	.05	.09	.04	.03	.02												.20		104	
114			.01	.03	.02	.02	.02	.02	.14	.02	.04	.04	.04	.01											.18		114	

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET

Sheet 5 of 24 Sheets

Date April 4, 17, 22, and 23, 1939

DATA Hourly precipitation from recording gages

A. M.												P. M.												SUM	MEAN	REMARKS
1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NOON			
Station No.																								Station No.		
April 4, 1938																										
106																									.50	106
107																									.50	107
108																									.53	108
112																									.51	112
109																									-	109
111																									-	111
112																									.55	112
103																									.52	103
104																									.52	104
114																									.55	114
April 16, 1938																										
106		.01	.02	.02	.01	.01	.02	.02	.01				.01		.02	.01					.02	.02			.20	106
107		.01	.01	.03	.03		.01	.03													.03			.01	.15	107
108			.04	.02		.01	.03					.01		.01							.21	.03			.15	108
113		.02	.02	.04	.27			.04	.02												.02	.23			.25	113
109																									-	109
111																									-	111
112		.02	.01	.05	.25		.01		.03	.01		.03	.02		.02	.01	.01				.03	.02			.29	112
103		.01	.03	.02			.01		.01	.01		.04	.01	.01							.05	.01		.01	.22	103
104		.03	.03	.01	.01				.01			.03									.04			.01	.17	104
114		.01	.03	.02	.25		.04		.01		.05	.02	.03	.02							.06	.01			.25	114
SUMS																										
MEANS																										

A. M.											P. M.																
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NOON	SUM	MEAN	Station No.
April 17, 1938																											
106		.02	.04	.05	.02			.02	.01	.01				.05	.01	.01		.04	.01	.01						.30	106
107	.01		.01	.03	.03			.03						.02	.01	.01		.01		.02						.23	107
108	.01		.01	.03	.03			.01						.02	.03	.01				.02	.01	.01				.22	108
113	.01	.01	.01	.04	.03			.03	.01	.01				.01	.04	.03				.01	.01	.02				.27	113
109	Record Missing																							-	109		
111																										111	
112			.01	.02	.02			.03	.02					.02	.05	.03	.01	.02	.01	.01	.01	.01				.32	112
103	.01	.01	.02	.02	.02			.01						.03	.08	.01	.01		.02	.02	.01					.29	103
104	.05		.02	.02	.02	.01	.03							.04	.05	.01		.01		.01						.28	104
114	.01	.03	.01	.03	.02	.01	.01	.01						.05	.08	.01	.01		.02		.01					.31	114
April 18, 1938																											
106				.03	.02			.03																		.06	106
107					.02			.02																		.02	107
108				.01	.02			.03																		.03	108
113					.02	.02	.03																			.07	113
109	Record Missing																							-	109		
111																										111	
112				.01	.03			.02	.01																	.04	112
103				.03	.01	.03	.01	.01																		.09	103
104				.02		.01	.01	.01																		.08	104
114					.01	.01	.02																			.02	114
SUMS																											
MEANS																											

Date _____

May 11, 18, 27, and 28, 1938

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date June 15, 16, 17, 18, and 19, 1938

DATA Hourly precipitation from recording gages

	A. M.											P. M.											SUM	MEAN	
Station No.	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	MEAN	Station No.	
	June 16, 1938																								
106																		.02	.01	.02		.05		106	
107																		.01	.02	.01		.04		107	
108																				.02		.02		108	
113																				.04	.01	.05		113	
109												Record Missing											-		109
111																								111	
112																	.07	.01	.01			.09		112	
103																	.01					.01		103	
104																	.06	.01				.07		104	
114																	.15		.02			.17		114	
	June 16, 1939																								
106	.02		.01	.01			.01										.14	.01				.20		106	
107	.02												.06	.01								.11		107	
108	.05	.01	.01											.07								.14		108	
113	.02	.02					.01							.08								.13		113	
109												Record Missing											-		109
111																								111	
112	.02	.06	.01										.04	.06	.01							.20		112	
103		.01	.03				.01						.05	.11	.01							.22		103	
104	.01	.04	.01				.01						.13	.06		.01						.04		104	
114	.01	.02	.05										.17	.03								.35		114	
	June 17, 1939																								
106							.10	.09	.03	.01	.01	.01	.02		.02						.36	.35		106	
107							.05	.02	.02	.01	.02			.01			.01				.03	.03	.11	107	
108							.05	.03	.03	.01	.02										.03	.03	.04	108	
113							.07	.06	.02	.01	.02										.04	.04	.05	113	
109												Record Missing											-		109
111																								111	
112							.05	.12	.02	.02	.01	.01	.02	.02	.01						.01	.05	.34	112	
103							.10	.09	.11	.11	.02		.01								.03	.10	.36	103	
104							.08	.07	.04	.01	.02		.01									.22		104	
114							.10	.07	.04	.04	.02										.04	.12	.36	114	
MEANS																								MEANS	

A. M.													P. M.													SUM	MEAN
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT		Station No.	
June 18, 1938																											
106	.10	.05	.07	.02																					.33	106	
107	.03	.09	.04	.01				.02																	.19	107	
108	.10	.10	.09	.02				.01	.02																.32	108	
113	.09	.05	.12	.04	.02					.01	.01														.34	113	
109													Record Missing										-	109			
111																										111	
112	.05	.10	.11	.01																					.27	112	
103	.07	.14	.03		.01																				.45	103	
104	.03	.07	.08	.01				.01									.01								.28	104	
114	.02	.14	.06						.01	.01															.24	114	
June 19, 1938																											
106			.03		.01	.03		.25	.01				.01												.14	106	
107		.02	.01	.01		.02	.02	.04																	.13	107	
108			.02			.01	.01	.04	.02		.1														.12	108	
113				.02		.02	.01	.03	.04	.03			.01		.01										.17	113	
109													Record Missing										-	109			
111																										111	
112	.01	.02	.01		.01	.01		.04	.03																.12	112	
103		.01	.01		.01	.01		.01	.01																.11	103	
104		.01		.01	.01	.01		.04	.03								.01								.13	104	
114																									.11	114	
SUMS																											
MEANS																											

Date July 8, 1938

DATA Hourly precipitation from recording gages

Station No.	A. M.											P. M.											SUM	MEAN	Station No.		
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10				11	H. D. T.

[illegible]

Date August 17, 1938

DATA Hourly precipitation from recording gages[illegible][illegible]

Date September 8 and 29, 1938

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Project S.C.S.-Wash.-1
Pullman, WashingtonU. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET

Sheet 11 of 14 Sheets

Date

Oct. 2, 3, 10, 11, 13, and 29, 1938

DATA Hourly precipitation from recording gages

A. M.													P. M.											SUM		MEAN		Station No.
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	W.D.T.	Station No.			
	<u>October 2, 1938</u>																											
106													Record Incomplete												—	106		
107																				.06	.06	.08	.12	.32		107		
108																				.01	.01	.08	.07	.07	.24	108		
113																						.08	.03	.09	.20	113		
109													Record Missing												—	109		
111																									—	111		
112																		.17			.07	.08	.14	.46		112		
103								.01													.08	.05	.08	.11	.23	103		
104																					.07	.05	.08	.12	.38	104		
114																						.09	.06	.12	.27	114		
	<u>October 3, 1938</u>																											
106													Record Incomplete												—	106		
107	.01	.01		.03	.03	.02	.01																		.11	107		
108	.10			.01	.01	.04	.02		.01	.01	.01	.01													.22	108		
113	.09	.01		.03	.05	.05						.01													.24	113		
109													Record Missing												—	109		
111																									—	111		
112	.09		.02		.01																				.12	112		
103			.01	.01				.01				.01	.01												.05	103		
104				.01								.04	.01												.06	104		
114	.08			.02									.02												.12	114		
	<u>October 10, 1938</u>																											
106													Record Incomplete												—	106		
107																					.11	.10	.07	.06	.34	107		
108																					.11	.13	.07	.07	.37	108		
113											.01						.01				.06	.12	.10	.04	.34	113		
109													Record Missing												—	109		
111																									—	111		
112																					.05	.27	.09	.11	.52	112		
103																					.25	.15	.07	.04	.51	103		
104																					.16	.12	.07	.05	.40	104		
114																						.08	.17	.05	.05	.35	114	

	A. M.											P. M.											SUM	MEAN	
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	W.D.T.	Station No.
	October 11, 1938																								
106												Record Incomplete												-	106
107	.03				.02	.05						.02												.12	107
108	.05	.01			.01	.01	.05	.01		.01														.15	108
113	.06	.02			.02	.01	.03																	.14	113
109												Record Missing												-	109
111																								-	111
112	.06				.02		.06	.01					.02											.17	112
103	.01					.02	.02	.02				.05												.13	103
104	.02	.01			.01	.06	.04					.02												.16	104
114	.03					.06	.04	.02				.03	.01											.19	114
	October 13, 1938																								
106	.01	.09	.04	.03	.01							.11	.04											.33	106
107	.05	.05	.04	.04								.07	.01											.26	107
108	.02	.06	.04	.02								.04	.03											.21	108
113	.05	.06	.02	.02									.02											.17	113
109												Record Missing												-	109
111																								-	111
112	.01	.08	.03	.04	.01																			.17	112
103	.05	.05	.04	.03	.01																			.13	103
104	.03	.05	.04	.02	.01	.01																		.16	104
114	.03	.05	.05	.03	.02											.01								.19	114
	October 24, 1938																								
106												No Record												-	106
107					.01	.03	.05	.04	.07	.03	.02													.29	107
108					.01	.03	.05	.04	.07	.03	.02													.27	108
113					.02	.03	.05	.05	.07	.03	.02													.27	113
109												Record Missing												-	109
111																								-	111
112					.01	.02	.05	.04	.06	.06	.03													.27	112
103					.01	.01	.04	.03	.04	.06	.01													.23	103
104					.02	.02	.03	.05	.05	.01	.01													.23	104
114					.02	.06	.04	.07	.03	.01														.23	114

MEANS

MEANS

Date Nov. 14, 15, 16, 19, and 20, 1938 DATA Hourly precipitation from recording gages.

NOV 1938

A. M.

P. M.

Station No.

1

2

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10

11

NOON

1

2

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4

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6

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8

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10

11

NOON

S.W.

MEAN

Station No.

106

107

108

113

109

111

112

103

104

114

November 14, 1938

No Record

-

.02

.14

.16

.02

.13

.15

.01

.12

.13

-

.04

.13

.17

.05

.05

.04

.07

.11

.08

.08

106

107

108

113

109

111

112

103

104

114

November 15, 1938

No Record

-

.07

.07

.08

.01

.09

.12

.01

.13

Record Missing

-

.10

.03

.01

.17

.11

.01

.12

.10

.13

.12

.12

106

107

108

113

109

111

112

103

104

114

November 16, 1938

No Record

-

.01

.01

.04

.06

.12

.02

.02

.02

.10

.02

.02

.02

.02

.01

.01

.02

.16

.05

.01

.02

.14

.02

.19

.03

.02

.03

.03

.02

.38

106

107

108

113

109

111

112

103

104

114

REANS

REANS

	A. M.											P. M.											SUM	MEAN		
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MDT	Station No.	
	November 19, 1936																									
106	No Record																								-	106
107																									.04 .02 .02 .02 .10	107
108																									.02 .01 .03 .04 .10	108
113																									.05 .03 .02 .01 .06 .17	113
109	Record Missing																								-	109
111																										111
112																									.03 .01 .01 .05	112
103																									.02 .01 .03	103
104																									.01 .02 .03	104
114																									.02 .01 .02 .05	114
	November 20, 1936																									
106	No Record																								-	106
107	.06	.05	.01		.05	.01																		.18	107	
108	.06	.03	.01		.05	.01																		.15	108	
113	.08	.11	.02		.03	.06	.01																		.21	113
109	Record Missing																								-	109
111																										111
112	.02		.05		.03	.03																		.13	112	
103	.01	.02	.04		.02	.02	.01																		.12	103
104	.01	.02	.04																						.17	104
114	.03		.02		.02																				.07	114
SUMS																									SUMS	
MEANS																									MEANS	

Date December 2, 4, 5, 21, 22 and 27, 1938 DATA Hourly precipitation from recording gages.

[illegible]

	A. M.											P. M.											SUN	MEAN						
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	Station No.					
	December 21, 1938																													
106								.02	.02	.02	.04	.01	.01											.12	106					
107						.01	.02	.04	.02	.02	.02	.02	.01	.01											.17	107				
108							.02	.02	.02	.02	.02	.04	.01	.01												.15	108			
113							.03	.02	.04	.02	.03	.01	.01													.20	113			
109							Record Missing																						-	109
111																												111		
112							.02	.03	.03	.02	.02	.01														.13	112			
103							.01	.03	.03	.02	.02	.02														.08	103			
104							.02	.03	.02	.01	.02															.09	104			
114							.02	.03	.02	.02	.02	.02														.13	114			
	December 22, 1938																													
106																		.01	.02		.01				.04	106				
107																	.02	.02	.03	.01					.03	107				
108																		.02	.02	.01						.05	108			
113													.01				.02	.02	.02	.03				.02	.12	113				
109							Record Missing																						-	109
111																												111		
112														.01	.01	.01	.01	.02								.05	112			
103															.02		.01									.04	103			
104															.02		.01	.01						.01	.04	104				
114														.01	.01	.01	.01	.01								.05	114			
	December 27, 1938																													
106								.06					.01								.01	.02	.03				106			
107	.01	.01					.03	.08	.01			.01	.01								.02	.02	.20				107			
108	.01	.01					.02	.01	.01	.01		.01									.01	.02	.17				108			
113		.01					.01	.07	.02	.01		.01									.01	.02	.01				113			
109							Record Missing																						-	109
111																												111		
112	.01	.01																								.02	112			
103							.02				.01	.01	.01										.01	.06			103			
104							Record Incomplete																							104
114					.01		.02	.03			.01			.01	.01										.09		114			
MEANS																									MEANS					

Date _____

January 2, 3, 5 and 13, 1939

DATA Hourly precipitation from recording gages.

[illegible]

	A. M.											P. M.											SUM	MEAN		
Station No.	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	NOT	Station No.		
	January 7, 1938																									
106				.06	.01	.01	.01	.01		.01	.01				.01		.01							.15	106	
107				.01	.01	.01	.02			.01	.01														.02	107
108			.01	.02	.01	.01	.01	.01		.01															.08	108
113				.02	.02	.02		.01					.01												.08	113
109												Record Missing											-		109	
111																										111
112				.01	.03	.01				.02															.33	112
103				.00	.00	.03	.02	.02		.01			.01		.01										.22	103
104				.01	.05	.01	.01																		.21	104
114			.03	.06	.03	.02	.01	.01																	.16	114
	January 13, 1938																									
106				.02	.03	.01		.05	.01																.12	106
107				.01	.02	.03	.02	.01	.02																.14	107
108				.01	.01	.02	.03	.02	.02	.01															.15	108
113				.03	.03	.01																			.13	113
109												Record Missing											-		109	
111																										111
112				.02	.06	.01		.01	.02																.15	112
103				.03	.01			.07																	.11	103
104				.01	.02	.01	.05	.02																	.11	104
114			.03	.05	.01		.02	.01																	.12	114
	SUM																									
	MEAN																									

Date _____

January 17, 27 and 28, 1939

DATA Hourly precipitation from recording gages.[illegible]

	A. M.											P. M.											SUM	MEAN			
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	EDIT		Station No.	
	January 27, 1939																										
106																			.04	.01	.01	.02	.02		.10	106	
107																			.03	.03	.02	.01	.01		.10	107	
108																			.02	.02	.03	.03		.01	.11	108	
113																			.01	.03	.03	.02	.01		.10	113	
109													Record Missing											-	109		
111																									111		
112																			.02	.02	.01	.02	.01	.01	.01	.12	112
103																			.01	.01	.02	.01		.05	103		
104																			.03		.01	.01		.05	104		
114																			.05	.01	.02	.01		.01	.10	114	
	January 28, 1939																										
106	.01	.01	.02	.02	.03	.01		.01	.01		.06														.18	106	
107			.01	.01	.01	.02	.01	.02	.01	.01															.10	107	
108			.01	.02	.02	.02	.01	.01	.02	.01		.01													.13	108	
113		.02	.01	.02		.01		.01	.02	.01	.01														.11	113	
109													Record Missing											-	109		
111																									111		
112			.01	.01		.02		.03		.01															.08	112	
105			.01	.01	.01	.01	.01	.01	.01	.01	.01														.05	105	
104			.01			.01	.01	.01	.01	.01	.01		.01												.05	104	
114						.01		.02	.01																.01	114	
	SUMS																										
	MEANS																										



Date February 14, 15, 25 and 27, 1939

DATA Hourly precipitation from recording gauges.[illegible][illegible]

Date March 3, 6, 11, 12 and 13, 1939

DATA Hourly precipitation from recording gages.

	A. M.											P. M.											SUM	MEAN	
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	EDT	Station No.
	March 3, 1939																								
106	.01						.02	.03	.01	.03	.01								.01	.03				.15	106
107							.02	.03	.02	.01												.02	.10		107
108							.01	.01	.02	.02													.06		108
113	.01						.01	.02	.03	.03	.01												.11		113
109							Record Missing																-	109	
111																									111
112							.01	.02		.02	.01												.02		112
103	.01								.01													.02	.01	.05	103
104														.01		.01	.01	.01	.01	.01	.01		.05		104
114						.01				.03							.01		.01	.01	.01		.06		114
	March 6, 1939																								
106	.01						.01	.02	.02	.01	.01												.08	106	
107	.01	.02		.01	.01	.02	.04	.05	.03	.02	.01												.26	107	
108			.01				.01	.02	.02	.02	.02												.12	108	
113							.02	.02	.02	.05	.01												.16	113	
109							Record Missing																-	109	
111																									111
112	.01	.01					.01	.01	.01	.01	.01												.04	112	
103							.01	.01	.01	.01	.01												.04	103	
104							.01	.03	.01	.01													.06	104	
114						.01	.02	.03	.03	.05		.01			.01								.16	114	
	SUMS																								
	MEANS																								

A. M.													P. M.															
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WIDT	SUM	MEAN	Station No.	
	March 11, 1939																											
106				.01	.03	.03	.05	.10	.01	.03	.07	.10	.01	.07	.19	.05	.07	.02	.07	.05	.05	.01	.01	.12			106	
107				.02	.07	.14	.07	.08	.03	.11	.04	.12	.04	.04	.08	.07	.05	.03	.01	.02	.02	.01	.01	.02			107	
108				.02	.06	.11	.12	.11	.01	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05			108	
113				.02	.07	.11	.07	.02	.01	.01	.01	.10	.11	.05	.07	.04	.02	.05	.01	.01	.01	.01	.01	.01			113	
109	Record Missing																										-	
111																												
112				.01	.07	.07	.03	.07		.02	.07	.06	.03	.05	.11	.03	.05	.06	.01	.01	.02	.01	.01	.01			112	
103				.05	.03	.03	.10	.01	.03	.05	.07	.02	.04	.02	.09	.01	.02	.02	.01	.01	.01	.01	.01	.01			103	
104				.01	.02	.01	.12	.01	.02	.06	.05	.07	.03	.05	.13	.09	.01	.02	.02	.02	.01	.05	.05	.05			104	
114				.00	.03	.01	.07		.01	.05	.07	.06	.01	.11	.10	.07	.02	.02	.01	.03	.02	.05	.03	.12			114	
	March 12, 1939																											
106	.03	.03	.01	.01	.01	.01	.02	.05	.00	.02	101												.03	106				
107	.03	.02	.02	.02	.02	.02	.03	.07	.04	.01	.01												.03	107				
108	.15	.01	.01	.02	.02	.05	.13	.05	.01	.03												Record Incomplete	-	108				
113	.01	.03	.02	.11	.01	.01	.02	.02	.01	.01												.06	.59	113				
109	Record Missing																										-	
111																												
112		.01		.01																						112		
103	.01	.03	.02	.05	.03	.03	.03	.07	.02			.02			.02												103	
104	.04	.01	.12	.01	.01	.03	.06	.01	.02		.01	.02			.02												104	
114	.01	.01	.02	.01	.01	.04	.03	.19	.05		.02	.01		.01	.01												114	
	March 13, 1939																											
106											.01																106	
107												.07															107	
108	Record Incomplete																										-	
113						.01				.02		.02	.01														113	
109	Record Missing																										-	
111																												
112											.03			.03	.01		.01										112	
103	.01										.05			.06	.02	.03	.01										103	
104											.03			.01	.01												104	
114											.02	.02		.02	.03	.01	.02										114	
SUMS																												
MEANS																												

Date April 12 and 25, 1939

DATA _____ Hourly precipitation from recording gages.

[illegible][illegible]

Date May 16, 18, 21 and 26, 1939

DATA Hourly precipitation from recording gages.

Station No.	A. M.											P. M.											SUM	MEAN	Station No.		
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10				11	NOCT
	<u>May 16, 1939</u>																										
106						.02							.02	.03	.01										.08	106	
107						.01	.01						.09	.01											.12	107	
108						.01	.01						.04	.01											.07	108	
113						.02	.01						.03	.04											.10	113	
109													Record Missing											-	109		
111																										111	
112						.01							.03	.02	.02										.08	112	
103																										103	
104													.01	.02											.16	104	
114													.01	.03	.03										.07	114	
	<u>May 18, 1939</u>																										
106														.02						.05	.02	.03	.05	.17	106		
107																				.05	.05	.02	.08	.22	107		
108																				.04	.06	.02	.07	.21	108		
113																					.03	.01	.08	.20	113		
109													Record Missing											-	109		
111																										111	
112																					.06	.01	.03	.10	112		
103																				.06	.02	.02	.03	.18	103		
104																										104	
114														.01	.01					.05	.04	.04	.16	.27	114		
SUM																											
MEAN																											

[illegible]

Date June 8, 18 and 19, 1939

DATA Hourly precipitation from recording gages.

[illegible]

A. M.												P. M.												SUM	MEAN	Station No.		
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT				
June 18, 1929																												
106						.01																.02	.01	.01	.07	106		
107						.01																.03	.01	.02	.09	107		
108																						.01	.02	.01	.07	108		
109																						.02		.02	.01	109		
111													Record Missing											-	111			
112						.01	.01																.01	.02	.01	.08	112	
103																						.01	.01	.01	.05	103		
104																							.01		.01	.02	104	
114																							.01	.01	.01	.01	114	
June 19, 1929																												
106						.02		.01			.01	.01													.05	106		
107						.01	.01			.02	.02												.01			.07	107	
108						.01	.01	.01				.01														.05	108	
113						.01	.01			.11	.21							.01					.01		.16	113		
109													Record Missing											-	109			
111																										.09	111	
112			.03	.01	.02	.01				.02																	.08	112
103						.01	.01				.05												.01			.08	103	
104						.02				.01													.01	.01		.05	104	
114						.01	.01				.03																.05	114
SUMS																												
MEANS																												

HYDROLOGIC DIVISION

Date _____

July 3, 1939

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date September 13 and 14, 1939

DATA—Hourly precipitation Non recording gages.

	A. M.											P. M.											SUM	MEAN			
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MDT	Station No.		
	<u>September 13, 1939</u>																										
106																								.01	.01	106	
107			.01	.01	.02																				.01	.08	107
108																									.03	.03	108
113					.02	.01																			.03	.03	113
109				.03		.03																			.06	.06	109
111																											111
112																									.01	.01	112
103		.01				.01																			.02	.02	103
104						.02																			.02	.02	104
114																	.01								.01	.01	114
	<u>September 14, 1939</u>																										
106	.06	.06	.02	.01							.01														.16	.16	106
107		.03	.01																						.01	.01	107
108		.01	.03	.02																					.06	.06	108
113	.09	.02	.01																						.12	.12	113
109	.04	.06	.06	.03																					.15	.15	109
111																											111
112	.05	.03	.09	.01	.01	.01																			.23	.23	112
103	.03	.03	.09	.01	.01	.01																			.23	.23	103
104	.01	.01	.01	.01	.01	.01																			.15	.15	104
114	.02	.06	.07																						.15	.15	114
	SUMS																										
	MEANS																										

[illegible]

Date October 1, 2, 4 and 26, 1939

DATA Hourly precipitation from recording gages.

A. M.													P. M.													SUM		MEAN	
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NOON			Station No.		
October 1, 1939																													
106																			.01	.02	.01	.01				.08	106		
107																			.02	.03	.01					.06	107		
108																			.01	.01	.01					.06	108		
113																			.01	.02	.01					.01	113		
109																			.01	.03	.02	.01				.07	109		
111																											111		
112																			.03	.05			.02	.10		.12	112		
103																			.01	.01	.01					.07	103		
104																			.02	.01		.01	.02	.02		.02	104		
114																			.01	.02	.02					.01	.02	114	
October 2, 1939																													
106	.01	.01		.03	.02	.01		.01	.01	.01																.11	106		
107		.01		.01		.01	.01			.01																	.05	107	
108	.01	.01			.01		.01			.01	.01	.02															.03	108	
113		.01		.01		.01	.01				.01															.01	.06	113	
109	.02		.01	.01	.02		.01																				.09	109	
111																												111	
112	.03	.02	.02	.05	.01	.01	.01																				.15	112	
103	.01	.01	.01	.01	.02	.02	.01																				.15	103	
104	.01	.01		.01	.01																						.01	104	
114	.02	.02		.02	.01	.01	.01			.02									.01								.12	114	
SUMS																													
MEANS																													

[illegible]

Date November 6 and 7, 1939

DATA Hourly precipitation from recording gauges.

[illegible][illegible]

Date December 8, 9, 10, 14 and 15, 1939

DATA Hourly precipitation from recording gages.

	A. M.											P. M.																	
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	NIGHT	SUM	MEAN			
	December 8, 1939																												
106						.03	.02	.03	.01	.05	.03	.01	.03	.05	.01					.02	.05	.01			.36	106			
107						.01	.03	.01	.02	.03	.02	.02	.01			.03	.02			.01	.02				.30	107			
108						.02	.01	.02	.02	.03	.02		.01	.02	.01					.02	.02	.01			.23	108			
113						.02	.02	.01	.02	.02	.01	.01		.01	.02					.05	.02	.03			.30	113			
109						.03	.02	.02	.01	.03	.02	.02		.02	.06					.01	.01	.01			.29	109			
111																										111			
112	.01					.01	.01	.02	.02	.02	.03	.03	.01		.01	.01	.02		.01	.01	.01	.02			.33	112			
103						.02	.01	.05	.05	.03	.03	.02	.01		.02	.01	.01			.02	.03	.01			.35	103			
104						.05	.05	.01	.02	.02	.03	.03	.01		.05	.01	.01				.01	.02			.33	104			
114						Record Incomplete																							114
	December 9, 1939																												
106		.02				.01	.01	.03	.01	.01										.02	.02	.01	.05	.03	.01	.26	106		
107		.02				.02	.03	.03			.01				.01				.01	.02	.03	.01	.05	.01	.02	.30	107		
108		.02	.01	.01		.01	.03	.01	.01											.02	.01	.02	.02	.02	.02	.28	108		
113		.02	.02				.05	.02							.01	.01	.01	.02	.02	.01	.01	.01	.02	.02		.24	113		
109		.01	.02	.01			.03	.03	.01										.02	.02	.01	.02	.01	.02	.01	.35	109		
111																										111			
112		.01	.02			.01	.05	.02	.01	.01	.01									.02	.03	.03	.02	.05	.01	.36	112		
103	.01	.02	.02			.01	.03	.05	.01				.01						.02	.02	.03	.02	.03	.01		.35	103		
104		.02	.02	.01			.01	.01	.01								.02	.02	.02	.03	.03	.05	.01	.01		.30	104		
114						Record Incomplete												.01	.01		.01	.01	.03	.03	.02	.02			114
	December 10, 1939																												
106	.01	.01	.02	.03																.13	.13	.06	.01			.13	106		
107	.01	.05	.01	.03	.01															.11	.08	.01				.12	107		
108	.01	.03	.01	.03	.01	.01														.01	.07	.03	.03			.12	108		
113	.01	.01	.01	.02	.02														.01	.05	.05	.01	.01			.30	113		
109	.02	.03	.03	.02	.02			.01												.02	.01	.01	.01			.36	109		
111																										111			
112	.01	.01	.01	.03	.02		.01													.01	.10	.07	.02	.01		.36	112		
103		.03	.03	.03														.01	.11	.13	.01	.01				.30	103		
104		.03	.02	.02	.01														.02	.13	.02	.01				.27	104		
114		.02	.01	.03	.02	.01														.05	.15	.03	.01			.30	114		
STARS																										STARS			
MEANS																										MEANS			

A. M.												P. M.												SUM	REAR	Station No.		
Station No.	1	2	3	4	5	6	7	8	9	10	11	ROOM	1	2	3	4	5	6	7	8	9	10	11	INDT				
	December 14, 1939																											
106														.02	.06	.07	.06	.05	.09							.35	106	
107													.01	.04	.08	.08	.04	.09	.01							.33	107	
108														.02	.06	.05	.03	.04	.10							.30	108	
113														.01	.04	.05	.04	.03	.07							.31	113	
109														.01	.03	.07	.04	.04	.12	.02						.33	109	
111																											111	
112						.02									.03	.05	.06	.03	.11	.04						.34	112	
103														.02	.09	.08	.04	.07	.04							.34	103	
104														.01	.05	.07	.03	.04	.11	.02						.33	104	
114															.03	.08	.09	.02	.09	.02						.33	114	
	December 15, 1939																											
106				.04	.02	.11	.02	.05	.02	.06	.03				.04	.03	.24	.04	.04	.01						.55	106	
107			.02	.04	.06	.08	.04	.02	.06	.04				.02	.02	.04	.04	.07	.01							.56	107	
108				.02	.02	.16	.02	.04	.03	.05	.02				.03	.01	.04	.05	.06	.01						.51	108	
113				.03	.03	.14	.04	.04	.04	.04	.03				.03	.02	.08	.11								.58	113	
109				.01	.05	.08	.14	.03	.03	.05	.02				.01	.04	.05	.05	.05	.22						.51	109	
111																											111	
112					.11	.04	.04	.11	.04	.04	.03				.01	.07	.04	.04	.04	.11						.51	112	
103				.01	.06	.07	.05	.04	.02	.04				.03	.06	.02	.07	.02								.46	103	
104					.01	.05	.02	.05	.03	.04	.02				.03	.05	.03	.05	.02							.40	104	
114					.03	.05	.06	.04	.02	.03	.04					.04	.04	.05	.06	.06						.44	114	
SUM																											SUM	
REAR																											REAR	

Date December 16, 17, 19, 20 and 31, 1939

DATA Hourly precipitation from recording gages.

A. M.												P. M.												SUM	MEAN	Station No.		
Station No.	1	2	3	4	5	6	7	8	9	10	11	MOON	1	2	3	4	5	6	7	8	9	10	11	WIND				
	December 16, 1939																											
106	.02	.09	.10	.02	.02	.01	.01				.01	.01										.05	.08	.01	.11	.57	106	
107	.06	.10	.08	.01				.01	.01		.01	.01	.02	.01								.00	.01	.01	.13	.13	107	
108	.01	.08	.11	.05	.02		.01	.01	.01		.02											.02	.08	.01	.13	.13	108	
113	.03	.09	.09	.03	.02	.01		.02					.02									.04	.06	.03	.11	.11	113	
109	.04	.10	.13	.01	.01					.03	.02	.01								.01		.05	.08	.02	.11	.11	109	
111																										.11	111	
112	.03	.12	.11	.01		.01		.01	.01													.05	.08		.19	.19	112	
103	.06	.15	.05	.01	.01																.01	.01		.03	.36	103		
101	.01	.15	.11	.01	.01								.01													.11	101	
114	.01	.12	.14	.01	.01																	.08	.01		.11	.11	114	
	December 17, 1939																											
106	.20	.07																								.27	106	
107	.07	.18	.03																							.28	107	
108	.07	.21	.03																							.37	108	
113	.11	.02	.16																							.29	113	
109	.10	.29	.05																							.11	109	
111																											111	
112	.02	.26	.04			.02																				.34	112	
103	.22	.07																								.29	103	
101	.11	.11	.01																							.23	101	
114	.11	.13	.02																							.21	114	
	SUMS																											
	MEANS																											

[illegible]

Date _____

January 1, 2, 3 and 9, 1940

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date January 11, 12, 25, 26 and 27, 1940

DATA Hourly precipitation from recording gages.

[illegible][illegible]

Date February 2, 3, 5 and 6, 1940

DATA Hourly precipitation from recording gages.

A. M.													P. M.													SUM	MEAN	Station No.			
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	W.D.T.							
February 2, 1940																															
106														.01	.02	.01	.03	.01							.01	.12	106				
107														.06	.01	.03	.01	.01								.12	107				
108														.01	.01	.04	.01	.05	.01	.01						.14	108				
113														Record Incomplete																-	113
109														.02	.02	.02	.01								.02	.09	109				
111																											111				
112				.02	.03																					.05	112				
103														.01		.02	.01	.01								.05	103				
104														.01		.01	.01								.01	.04	104				
114															.02	.02	.01	.01								.04	114				
February 3, 1940																															
106		.01													.06	.05	.02		.01	.02	.01	.01	.02	.06	.27		106				
107		.01											.02		.07	.03	.01		.01	.05	.01	.01	.01	.23		107					
108		.01											.02	.01	.02	.02			.03	.01	.01	.05	.23			108					
113		Record Incomplete													.03	.02	.01		.02	.02	.02	.03	.06			-	113				
109													.01	.01					.06	.03		.03		.01	.04	.21	109				
111																										111					
112				.03	.03	.01															.01	.03	.02	.23	.16		112				
103		.01	.01												.01	.03	.01			.01	.02	.01	.01	.17		103					
104															.03	.03	.01					.05	.05	.17		104					
114			.01												.05	.03	.01	.01			.02	.01	.02	.07	.23		114				
SUM																															
MEAN																															
STATION																															

[illegible]

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
HYDROLOGIC DIVISION

CLIMATIC DATA SHEET
Sheet 4 of
10 sheets.

Date February 8, 9, 13, 16, 17 and 18, 1960

DATA Hourly precipitation from recording gages.

[illegible]

A. M.												P. M.																
Station No.	1	2	3	4	5	6	7	8	9	10	11	MOON	1	2	3	4	5	6	7	8	9	10	11	RIGTH	SUM	MEAN	DATE	
												February 16, 1940												Station No.				
106													.01	.03	.02	.01			.01	.03					.11		106	
107													.04	.02						.02					.06		107	
108													Record Incomplete											-		108		
113													Record Incomplete											-		113		
109													.01	.03	.01					.01				.01	.07		109	
111																											111	
112													.02	.01	.02					.01					.06		112	
103													Record Incomplete											-		103		
104													.02	.01	.01					.02					.06		104	
114													Record Incomplete											-		114		
												February 17, 1940																
106	.01		.02	.03	.03	.01	.05	.01			.01	.02	.01	.02	.01	.03	.05	.01				.01			.10		106	
107	.01	.01		.02	.02	.02	.02	.04	.02			.01	.01	.02	.02	.03	.03	.02	.01						.31		107	
108	Record Incomplete												.02	.02	.03	.03	.01	.01	.01							-		108
113	Record Incomplete											.01	.04	.01	.01	.05	.05	.02	.01							.01		113
109	.01		.01	.02	.02	.02	.05	.02				.03	.02	.02	.02	.02	.05	.02	.01	.01					.35		109	
111																											111	
112				.01	.02	.03	.02	.01		.02	.01	.02	.02	.02	.03	.02	.02	.06	.02					.01	.32		112	
103	Record Incomplete															.01	.03	.05				.01				-		103
104		.01	.02	.03	.01	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.03	.02	.01	.01				.01	.35		104	
114	Record Incomplete																.01	.02	.02	.01					.01	-		114
												February 18, 1940																
106	.01	.03	.01	.05	.03	.03	.05	.01	.15	.01															.11		106	
107	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01															.21		107	
108			.01	.03			.02	.12	.01		.01														.07		108	
113	.01	.01	.02	.03	.03	.01	.01	.03	.12																.27		113	
109				.02			.01	.17	.02					.04											.26		109	
111																											111	
112	.01	.01	.02	.01	.01			.03	.07						.02										.18		112	
103	.01	.01	.01		.01	.01	.01	.02	.14																.22		103	
104					.09	.02	.01							.07	.04										.23		104	
114		.02		.01			.08	.02																	.13		114	
SUMS																												
YEARS																												

Station No.	A. M.											P. M.											SUM	MEAN		
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10			11	NIGHT
	<u>February 26, 1940</u>																									
106								.06	.01	.03	.01	.09	.36	.07									.33	106		
107								.06	.02	.01	.02	.06	.06	.06	.01								.32	107		
108								.06	.01	.03	.01	.07	.01	.05									.30	108		
113								.03	.07	.05	.03	.01	.06	.05	.05								.35	113		
109								.03	.05	.05	.02	.01	.09	.01	.06								.32	109		
111																									111	
112								.01	.08	.02	.02	.01	.01	.02	.05								.25	112		
103								.03	.04	.02	.02	.05	.05	.02	.03								.21	103		
104								.02	.08	.01	.01	.01	.01	.03									.28	104		
114								.02	.05	.03	.01	.01	.09	.02	.05	.01							.30	114		
	<u>February 27, 1940</u>																									
106								.05	.14	.01		.05	.01										.26	106		
107								.05	.10		.01	.01	.01										.21	107		
108								.10	.08	.02		.01											.21	108		
113								.03	.09	.02	.01	.05	.02	.01									.23	113		
109								.02	.12	.03		.03	.01	.01									.22	109		
111																									111	
112								.02	.10	.01		.01	.06	.01									.21	112		
103								.01	.01	.13		.05	.05	.01									.29	103		
104								.04	.16	.06		.05	.05										.36	104		
114								.02	.16	.05	.01		.16	.01	.03								.32	114		
	<u>February 28, 1940</u>																									
106								.01	.07	.02	.03	.02	.05	.05									.26	106		
107								.06	.01	.01	.06	.03	.03	.03									.29	107		
108								.06	.02	.01	.02	.03	.03	.03									.21	108		
113								.01	.01	.02	.03	.02	.03	.01	.01	.15							.27	113		
109								.02	.07	.01	.02	.02	.06	.07		.08	.09						.21	109		
111																									111	
112								.02	.08	.03	.02	.03	.02	.03		.05	.08						.36	112		
103								.05	.07	.01	.01	.02														

HYDROLOGIC DIVISION

Date March 1, 2, 7, 25, 26 and 31, 1940

DATA Hourly precipitation from recording gages.

	A. M.											P. M.																
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WIDT	SUM	MEAN	Station No.	
	March 1, 1940																											
106																		.02	.01	.02	.03	.01	.07		.17		106	
107																		.01	.02	.01	.03	.05		.18			107	
108																			.02	.02	.03	.03	.09		.1		108	
113																		.05	.02	.03	.03	.07		.2			113	
109																		.02	.02	.01	.02	.04	.05		.16		109	
111																											111	
112																		.02	.02	.02	.05	.06	.06		.23		112	
105																		.01		.01	.02	.04	.06		.1		105	
104																		.01	.01	.01	.03	.05	.09		.17		104	
114																		.01	.02	.01	.02	.03	.05		.15		114	
	March 2, 1940																											
106	.04	.09	.10	.08	.02								.01												.29		106	
107	.03	.02	.06	.10	.04	.02																			.47		107	
108	.02	.01	.01																						.04		108	
113	.01	.05	.07	.11	.02	.01	.01																		.28		113	
109	.01	.06	.08	.04	.03	.01																			.23		109	
111																											111	
112	.04	.09	.09	.08	.07	.02																			.39		112	
103	.04	.03	.02	.00	.06	.01																			.31		103	
104	.05	.04	.04	.04	.03	.01																			.21		104	
114	.03	.05	.07	.03	.07	.01																			.26		114	
	March 7, 1940																											
106	.01	.01	.01	.01	.01			.01	.02	.03	.03	.03	.03	.02	.13	.13	.06		.02	.03	.03				.70		106	
107	.02	.02	.01	.03			.01	.04	.05	.04	.04	.00	.04	.06	.10	.14	.02	.01	.01		.02				.78		107	
108	.01	.02	.02	.01	.01		.02	.04	.04	.07	.03	.07	.13	.07	.07	.01	.01	.01	.01						.73		108	
113	.03	.02	.01	.02			.02	.07	.11	.07	.07	.03	.02	.02	.02	.02	.02	.02	.02						.69		113	
109	.01	.02	.01	.02	.01		.02	.02	.02	.02	.07	.05	.07	.11	.11	.09	.01	.01						.01	.78		109	
111																											111	
112	.01	.01	.03	.01	.01	.02		.03	.03	.07	.03	.05	.07	.04	.07	.09	.12	.05	.05	.02					.84		112	
103	.01	.01	.01		.01			.01	.01	.01	.01	.03	.04	.06	.10	.07	.06	.05	.01						.56		103	
104	.01	.01	.01	.01	.01	.01		.01	.02	.02	.02	.05	.07	.11	.11	.08	.07	.01							.59		104	
114	.01	.01	.01		.01			.02	.01	.02	.02	.05	.02	.09	.07	.11	.07	.09	.02						.62		114	
SUMS																											SUMS	
MEANS																											MEANS	

Station No.	A. M.											P. M.											SUM	MEAN	Station No.	
	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10				11
	March 25, 1940																									
106	.03	.04	.04	.09	.05	.03	.04	.08	.07	.07	.02	.01												.57	106	
107	.05	.07	.09	.05	.02	.06	.11	.14	.05	.01														.52	107	
108	.02	.03	.13	.11	.04	.05	.11	.05	.07	.02		.01												.53	108	
113		.04	.06	.07	.10	.02	.10	.05	.10	.11	.11													.54	113	
109	.03	.05	.06	.06	.05	.03	.03	.07	.06	.05	.01							.01						.51	109	
111																									111	
112	.01	.01	.05	.06	.04	.04	.04	.03	.11	.07	.04							.15						.58	112	
103		.01	.02	.10	.04	.04	.05	.11	.05	.11	.02	.02						.03	.01					.56	103	
104		.02	.01	.05	.07	.04	.05	.04	.10	.07	.02							.08	.01					.50	104	
114		.03	.02	.06	.04	.05	.02	.04	.07	.05	.02							.06						.46	114	
	March 25, 1940																									
106				.01			.01	.01	.01			.02						.08	.01					.15	106	
107			.01	.03			.01	.01			.01							.02	.07					.17	107	
108			.04	.02		.01	.02	.02			.01							.01	.07	.01				.21	108	
113				.04			.02	.01			.02							.01	.10	.01				.21	113	
109			.01	.02		.01	.02	.01			.01							.02	.19	.01				.21	109	
111																									111	
112								.02			.01			.01			.01	.03	.19	.21				.20	112	
103			.01					.02	.01		.01	.01		.01	.01		.01	.01	.03					.17	103	
104		.01		.01				.03	.02		.02	.04		.01	.01		.01	.09	.02					.25	104	
114			.01				.01	.02		.02	.01	.01		.02	.01	.01	.01	.01	.10					.20	114	
	March 31, 1940																									
106	.01												.01	.02	.03	.02	.03	.11	.12	.05	.18			.68	106	
107														.02	.04	.10	.05	.10	.11	.02	.11			.61	107	
108															.01	.01	.01	.01	.01	.01	.01			.50	108	
113															.03	.05	.05	.04	.10	.11	.06			.56	113	
109	.03	.01													.01	.02	.05	.03	.06	.06	.09	.13		.63	109	
111																									111	
112	.15													.01	.02	.04	.05	.08	.09	.07	.51			.61	112	
103	.03													.02	.06	.09	.07	.06	.06	.02	.53			.63	103	
104													.01	.01			.01	.02	.06	.02	.22	.07	.06	.01	.79	104
114	.03													.02	.02	.07	.04	.07	.03	.06	.53			.63	114	
STATION																										
STATION																										

Date April 1, 4, 5, 9 and 23, 1940

DATA Hourly precipitation from recording gages.

[illegible]

	A. M.											P. M.											SUM	MEAN	
Station No.	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	W.D.T	Station No.
	<u>April 9, 1920</u>																								
106				.03	.14	.02							.10	.01		.01	.01							.32	106
107		.01	.00	.08								.02	.01	.09		.02								.29	107
108		.01	.01	.15									.11	.01										.37	108
113												Record Incomplete											-	113	
109			.07	.17			.01						.12	.03										.10	109
111																									111
112			.07	.18									.07	.06										.38	112
103			.05	.15								.03	.08	.01										.32	103
104		.05	.16	.01	.01		.01			.03	.03	.01												.31	104
114		.01	.19	.01						.01	.08		.08											.30	114
	<u>April 23, 1920</u>																								
106									.06	.11	.07	.04	.01	.02		.05	.01		.01	.03	.02	.01	.03	.53	106
107							.05	.05	.07	.01						.11			.01	.07	.01	.01	.01	.34	107
108			.01	.13	.07	.03					.01	Record Incomplete											-	108	
113			.02	.09	.12	.08			.06	.07	.02	.01				.11	.04	.05	.05	.05	.05	.05	.05	.65	113
109					.11	.02		.01	.03															.10	109
111																									111
112			.02	.08	.12	.05		.02		.05	.05	.04				.01	.02	.02	.01	.01	.01	.01	.01	.49	112
103				.10	.08	.02	.01	.01		.03	.01					.04	.05	.02					.37	103	
104			.06	.08	.04	.01	.02	.03	.01	.01						.03	.08	.05	.02					.41	104
114			.04	.14	.02		.02		.18	.05						.02	.05	.01	.01	.01	.01	.01	.55	114	
	SUMS																								
	MEANS																								

DATA Hourly precipitation from recording gages.

[illegible]

Date May 4, 1940

DATA _____ Hourly precipitation from recording gages.

[illegible][illegible]

Date June 7, 1940

DATA Hourly precipitation from recording gages.[illegible][illegible]

Tabulations of Hydrologic Data

S N O W S U R V E Y S

1936 to 1940

S N O W S U R V E Y S

1936

*Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)	*Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)
<u>Fourmile Creek Watershed</u>									
Sec 27 T16N, R45E	2-11		8.0	.83					
	2-18		10.0	1.42					
	2-25		6.0	1.27					
<u>Missouri Flat Creek Watershed</u>									
Sec 17 T40N, R5W	2- 3		18.0	3.51					
	2-10	10:00 AM	9.5	3.63					
	2-17		21.0	4.74					
	2-24		20.0	5.00					
	2-27		18.0	4.76					
Sec 26 T15N, R45E	2-11		8.0	.92					
	2-18		10.0	1.34					
	2-25		6.0	1.34					
<u>Paradise Creek Watershed</u>									
Sec 6 T39N, R5W	2- 3		6.0	.74					
Sec 3 T14N, R45E	2-13		11.0	1.20					
<u>South Fork Palouse River Watershed</u>									
Sec 15 T39N, R5W	2-10			1.89					
	2-17			2.08					
	2-23		9.0	2.70					
	3- 1		3.2	1.00					
Sec 35 T40N, R5W	2- 3		12.0	1.41					
	2-17			2.67					
	2-24		14.0	3.03					
	2-27		11.0	2.84					
Sec 35 T14N, R45E	2- 5		7.0	.46					
	2-19		8.5	1.13					
	2-27		6.5	.56					
Sec 31 T39N, R5W	2- 4		6.6	.80					
	2-12		12.0	2.04					
	2-19		9.8	2.25					
	2-21		10.8	2.42					
Sec 11 T39N, R5W	1-11	11:00 AM	5.72	.93					
	2-10		9.0	2.77					
	2-17		12.8	3.55					
	3- 3		5.8	2.82					
	3-10		3.9	2.01					

* No regular snow courses were run during the winter of 1936. Depths and water content were measured by taking one core at each of several representative locations throughout the area. The location of courses here tabulated are those of the 1937 snow courses and represent only approximately the locations of the 1936 sampling points.

SNOW SURVEYS

1937

Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)	Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)
<u>Fourmile Creek Watershed</u>					<u>South Fork Palouse River Watershed</u>				
Sec 27 T16N, R45E	1-19	10:45 AM	13.27	2.27	Sec 15 T39N, R5W	2-15	1:00 PM	18.31	5.60
	2-12	9:30 AM	12.8	4.24		2-22	10:00 AM	17.48	5.57
						2-23	8:00 AM	15.93	5.30
Sec 9 T16N, R45E	1-14	9:30 AM	8.14	1.06		2-24	8:00 AM	15.21	4.62
	1-19	9:30 AM	15.59	2.65		2-25	8:00 AM	12.84	3.93
	2-13	-	12.7	4.28		2-26	10:30 AM	11.54	4.40
<u>Missouri Flat Creek Watershed</u>					Sec 15 T39N, R5W	3- 1	1:00 PM	12.30	4.95
Sec 17 T40N, R5W	1-19	2:00 PM	18.0	3.01		3- 2	10:30 AM	10.16	4.30
	1-27	2:45 PM	24.27	5.14		3- 3	10:30 AM	8.84	3.60
	2- 5	10:00 AM	58.2	5.71		3- 5	8:00 AM	5.80	2.34
	2-10	2:15 PM	21.86	5.98		3- 8	8:00 AM	3.38	1.11
	2-23	-	19.67	7.09		3-10	10:00 AM	2.12	.52
	3- 2	2:30 PM	10.93	4.98	Sec 35 T40N, R5W	1-23	10:30 AM	25.1	5.23
	3- 4	-	8.37	3.93		2- 3	10:30 AM	21.38	5.20
Sec 26 T15N, R45E	1-12	1:45 PM	3.69	.51		2-14	10:45 AM	25.04	6.70
	1-28	3:00 PM	23.8	3.55		2-24	10:00 AM	19.82	7.14
	2- 9	2:30 PM	15.2	4.29		3- 3	2:30 PM	10.21	4.37
	2-17	-	13.71	5.00		3- 9	-	6.84	1.00
<u>Paradise Creek Watershed</u>					Sec 35 T14N, R45E	2- 1	1:45 PM	10.27	3.06
Sec 6 T39N, R5W	1-16	-	15.84	2.32		2-18	9:00 AM	16.66	4.70
	1-29	2:15 PM	18.57	4.50		2-24	10:30 AM	11.99	3.70
	2- 9	-	17.92	4.95	Sec 31 T39N, R5W	2-23	-	15.15	4.91
	2-20	8:00 AM	19.29	5.74		2-26	3:00 PM	11.24	5.29
	2-22	1:00 PM	14.58	5.19		3- 2	10:00 AM	6.77	3.26
	2-23	10:30 AM	13.25	4.46	Sec 11 T39N, R5W	1-19	11:00 AM	19.1	2.91
	3- 1	9:00 AM	11.06	3.99		1-29	-	25.11	5.23
	3- 3	8:00 AM	6.30	2.53		2- 3	-	21.38	5.20
	3- 4	8:00 AM	5.28	2.26	Sec 6 T38N, R5W	12-27	-	-	1.43
	3- 5	10:30 AM	3.88	1.68					
	3- 8	10:00 AM	2.12	.82	<u>Dry Fork Creek Watershed</u>				
	3- 9	10:30 AM	1.84	.74	Sec 30 T14N, R45E	1-15	3:45 PM	10.97	1.83
	3-10	10:45 AM	1.28	.51		1-26	10:00 AM	11.24	2.82
Sec 3 T14N, R45E	1-12	2:00 PM	2.71	.51		2- 5	-	-	3.23
	1-16	-	13.1	1.96		2-11	2:30 PM	17.16	3.90
	1-25	-	17.1	3.04		12-27	-	-	1.65
	2- 1	-	15.9	3.50					
	2- 5	-	18.5	4.00					
	2-11	-	14.97	4.24					
	2-23	-	11.5	4.44					
Sec 35 T15N, R45E	12-27	-	-	1.62					
<u>South Fork Palouse River Watershed</u>									
Sec 15 T39N, R5W	1-16	-	17.84	3.22					
	2- 3	-	19.62	4.56					
	2- 5	-	19.0	4.84					
	2-11	10:00 AM	18.7	4.96					

S N O W S U R V E Y S

1938

Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)	Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)
<u>Fourmile Creek Watershed</u>									
Sec 27 T16N, R45E	2-14	-	-	.70					
Sec 9 T16N, R45E	2-14	-	-	.63					
<u>Missouri Flat Creek Watershed</u>									
(No Record)									
<u>Paradise Creek Watershed</u>									
Sec 32 T40N, R5W	2-14	-	-	.96					
	2-22	-	-	.90					
Sec 34 T40N, R5W	2-14	-	-	.92					
Sec 17 T40N, R5W	2-15	-	-	.46					
<u>South Fork Palouse River Watershed</u>									
Sec 6 T38N, R5W	2-10	-	-	.79					
	2-14	-	-	1.69					
	2-17	-	-	1.19					
	2-25	-	-	.50					
Sec 8 T38N, R5W	2-10	-	-	1.20					
	2-17	-	-	1.52					
Sec 19 T39N, R5W	2-14	-	-	1.55					
	2-21	-	-	1.42					
	2-25	-	-	.30					
Sec 2 T39N, R5W	2-15	-	-	.97					
Sec 28 T14N, R45E	2-15	-	-	1.26					
<u>Dry Fork Creek Watershed</u>									
Sec 30 T14N, R45E	2-16	-	-	1.33					

SNOW SURVEYS

1939

Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)	Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)
<u>Fourmile Creek Watershed</u>					<u>South Fork Palouse River Watershed</u>				
Sec 15					Secs 20 & 28				
T16N, R45E	2-12	-	7.4	2.67	T39N, R5W	2-12	-	10.9	2.95
	3- 8	-	6.82	2.04		2-15	-	11.23	3.68
						2-24	-	7.67	2.70
Sec 35						3- 6	-	11.23	3.05
T16N, R45E	2- 6	-	8.38	1.20		3-18	-	10.06	3.90
	2-12	-	5.39	1.81					
	3- 8	-	6.04	1.51	<u>Dry Fork Creek Watershed</u>				
<u>Missouri Flat Creek Watershed</u>					Sec 19				
Sec 20					T14N, R45E	2-10	-	9.05	1.41
T40N, R5W	2- 6	-	6.75	1.03					
	2-27	-	9.97	2.55					
	3- 6	-	11.25	3.28					
Sec 23									
T15N, R45E	2-12	-	6.67	1.52					
	3- 8	-	6.16	1.48					
<u>Paradise Creek Watershed</u>									
Sec 29									
T40N, R5W	2-10	-	9.26	1.42					
	2-17	-	6.71	2.25					
	3- 8	-	11.65	3.30					
Sec 34									
T40N, R5W	2-17	-	8.24	2.37					
	3- 7	-	12.2	3.28					
<u>South Fork Palouse River Watershed</u>									
Sec 15									
T39N, R5W	2- 6	-	7.43	1.02					
	2-27	-	6.37	1.66					
	3- 6	-	7.62	2.22					
Sec 14									
T14N, R45E	2- 7	-	7.11	1.17					
	3- 7	-	5.87	1.58					
Secs 6 & 7									
T38N, R5W	2- 6	-	7.93	.85					
	2-12	-	7.52	1.64					
	2-27	-	7.90	1.67					
	3- 7	-	8.24	2.32					
Secs 1 & 2									
T39N, R5W	2- 6	-	10.3	1.29					
	2-12	-	7.76	2.06					
	2-18	-	7.62	2.13					
	2-27	-	10.46	2.52					
	3- 7	-	13.3	3.56					
Secs 4 & 5									
T13N, R45E	2- 7	-	7.48	1.13					
	2-10	-	7.73	1.36					
	2-12	-	7.59	1.61					
	3- 8	-	7.76	2.13					
Sec 26									
T14N, R45E	2- 7	-	6.46	1.03					
Secs 20 & 28									
T39N, R5W	2- 8	-	9.08	1.42					

S N O W S U R V E Y S

1940

Location of Course	Date	Time	Average Depth (Inches)	Water Content (Inches)
<u>Fourmile Creek Watershed</u>				
Sec 15				
T16N, R45E	1-11	3:15 PM	3.18	.43
	1-17	10:00 AM	2.25	.59
Sec 35				
T16N, R45E	1-11	2:10 PM	3.20	.35
	1-17	9:00 AM	1.54	.51
<u>Missouri Flat Creek Watershed</u>				
Sec 20				
T14N, R5W	1-15	12:50 PM	4.25	.79
Sec 23				
T15N, R45E	1-11	12:50 PM	3.13	.36
	1-16	12:45 PM	3.26	.72
<u>Paradise Creek Watershed</u>				
Sec 26				
T15N, R45E	1-11	10:55 AM	3.14	.36
	1-16	11:00 AM	3.84	.86
<u>South Fork Palouse River Watershed</u>				
Sec 15				
T39N, R5W	1-16	8:40 AM	4.42	1.07
Sec 14				
T14N, R45E	1-15	9:00 AM	4.69	.93
	1-17	2:40 PM	2.11	.61
Secs 6 & 7				
T38N, R5W	1-15	11:15 AM	4.84	.87
Secs 1 & 2				
T39N, R5W	1-15	2:20 PM	4.65	.84
Secs 4 & 5				
T13N, R45E	1-13	2:15 PM	5.69	.88
	1-16	2:30 PM	3.95	.85
Sec 26				
T14N, R45E	1-13	3:40 PM	5.23	.82
	1-17	12:05 PM	2.83	.84
<u>Dry Fork Creek Watershed</u>				
Sec 24				
T14N, R44E	1-13	1:15 PM	4.73	.81
	1-16	3:40 PM	3.16	.68

Tabulations of Hydrologic Data

DAILY MINIMUM AND
MAXIMUM TEMPERATURES
AT
PULLMAN, WASHINGTON

MAXIMUM AND MINIMUM DAILY TEMPERATURES (°F)--1934
(Soil Conservation Experiment Station, Pullman, Washington)

Day of Month	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	44	36	53	37	50	38	44	33	57	38	51	44	58	45	57	51	52	52	79	42	53	43	35	27
2	46	37	54	41	48	40	48	30	60	35	65	39	78	52	86	49	84	43	56	45	47	37	35	21
3	46	42	50	30	49	38	55	30	60	41	64	43	78	42	63	55	91	51	60	42	48	37	35	27
4	44	38	48	29	43	33	48	32	74	43	60	46	82	44	77	43	92	50	65	31	53	37	37	31
5	45	33	40	34	47	33	54	32	57	50	72	41	67	52	56	43	56	48	70	37	62	39	31	23
6	46	27	53	35	42	35	55	38	67	44	66	41	87	50	76	55	82	44	81	46	65	42	31	21
7	47	28	49	37	46	31	69	41	69	48	63	52	72	51	75	45	66	53	65	44	64	46	31	25
8	38	31	43	36	52	34	59	46	45	44	70	52	76	42	86	38	67	50	70	51	50	42	29	23
9	38	31	44	30	53	28	50	41	60	33	79	48	80	52	86	44	72	39	82	52	58	43	35	23
10	38	32	46	29	62	34	61	41	72	43	86	53	75	56	82	46	62	52	87	52	58	35	35	24
11	37	31	48	31	62	36	70	39	64	32	91	58	82	41	80	52	61	42	88	56	51	33	38	25
12	39	29	54	31	67	38	73	43	62	38	84	63	91	47	64	42	63	44	67	50	52	35	42	26
13	44	31	52	29	65	42	69	46	73	37	83	55	90	48	85	43	54	44	48	37	58	35	37	25
14	36	28	51	29	62	39	62	34	83	46	80	48	86	48	86	42	66	36	66	33	56	48	33	26
15	44	27	55	31	58	36	60	27	72	54	73	53	85	57	93	49	78	40	47	38	51	43	36	24
16	44	31	44	29	58	38	58	43	58	50	70	47	80	42	88	55	73	53	55	26	50	38	34	20
17	42	40	51	33	54	30	63	35	60	44	68	46	78	58	79	60	76	46	47	31	47	40	35	30
18	44	32	54	29	64	38	74	39	63	43	71	55	83	42	80	45	71	54	46	39	48	37	35	31
19	46	38	53	34	58	32	79	39	65	40	80	46	86	47	84	43	64	37	54	31	42	38	49	30
20	46	36	43	38	59	41	80	44	60	39	76	39	85	52	85	55	62	27	46	40	41	38	42	33
21	46	34	43	33	56	35	81	41	69	30	75	54	71	42	84	45	62	41	56	42	46	37	50	34
22	48	38	46	26	51	26	82	42	84	37	84	48	72	41	82	43	82	42	57	35	49	37	36	30
23	42	39	46	29	52	24	69	42	87	45	86	43	84	43	85	45	44	32	48	34	46	34	36	31
24	33	26	40	29	55	24	54	48	86	58	75	47	85	49	87	45	38	30	58	37	51	34	36	30
25	46	27	41	29	56	23	52	41	71	49	78	45	84	60	90	46	49	18	51	42	43	41	32	26
26	50	28	42	29	55	25	71	35	80	49	56	52	59	55	92	47	66	35	57	46	41	31	38	28
27	52	33	46	29	58	38	66	44	59	55	69	45	104	58	92	51	60	46	51	43	41	31	35	30
28	45	32	43	32	57	44	64	44	92	58	88	54	89	53	86	57	68	46	57	44	55	32	35	19
29	46	31			57	47	56	43	79	58	74	48	80	58	84	56	76	43	52	37	36	31	35	21
30	45	26			53	45	56	41	60	46	64	45	62	56	86	57	74	54	51	41	37	31	30	26
31	42	28			49	35			61	40			78	52	85	53			58	43			36	21

MAXIMUM AND MINIMUM DAILY TEMPERATURES (°F)--1935
(Soil Conservation Experiment Station, Pullman, Washington)

Day of Month	Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	35	28	48	36	44	33	37	22	54	30	66	45	66	42	72	45	68	57	63	41	12	2	33	16
2	36	27	50	35	49	28	40	24	58	29	64	41	69	40	62	46	63	50	66	45	31	-1	26	20
3	38	32	49	36	41	34	45	23	64	29	74	35	75	38	61	54	66	45	87	50	29	-1	26	20
4	43	30	46	26	38	30	37	29	69	37	83	48	75	42	70	50	66	46	65	40	35	10	26	21
5	39	31	40	30	36	26	43	29	65	54	83	44	67	45	77	37	60	49	53	43	39	20	31	20
6	38	32	30	26	41	24	43	31	62	39	78	45	67	49	80	40	80	51	65	43	39	30	38	22
7	34	31	30	25	40	31	44	34	62	27	84	45	66	46	82	45	84	41	70	37	55	32	37	26
8	33	31	37	26	32	25	44	33	64	37	70	55	66	45	87	41	68	43	71	46	47	34	42	32
9	33	22	36	22	37	25	58	34	65	37	73	45	74	37	99	46	92	47	67	30	35	29	41	33
10	30	22	37	25	40	21	59	30	53	34	73	55	76	43	50	50	68	45	72	33	40	17	45	34
11	35	22	38	29	45	30	64	35	55	33	91	44	83	43	81	47	75	57	63	44	42	23	40	31
12	25	24	38	23	50	32	65	44	63	35	70	49	90	44	91	47	69	42	58	47	45	32	36	32
13	29	18	39	28	63	42	59	44	65	33	78	47	95	48	90	55	77	52	50	44	40	30	38	27
14	25	15	38	21	47	41	57	29	68	40	55	48	98	55	71	55	76	42	56	43	43	28	38	28
15	24	12	36	17	43	29	46	40	62	44	63	42	82	55	65	40	68	50	52	35	39	30	39	29
16	28	11	38	25	46	29	48	36	59	38	68	40	87	56	72	29	66	51	48	32	44	30	35	28
17	26	20	35	25	44	31	52	30	61	42	69	48	86	58	70	44	69	35	64	38	46	29	37	26
18	20	12	41	32	47	28	55	44	68	31	74	40	87	42	67	51	73	40	68	39	32	22	38	22
19	-4	-5	49	33	50	26	65	37	77	38	66	58	81	45	71	43	74	40	47	38	30	24	36	18
20	20	-18	46	35	36	24	57	44	79	42	71	41	82	52	83	40	73	43	44	29	32	25	23	15
21	42	-15	44	34	40	28	48	35	71	37	83	45	83	45	83	45	68	45	63	34	30	21	30	10
22	45	20	43	34	44	24	49	32	61	40	72	51	83	49	89	51	75	41	42	24	35	24	31	17
23	41	32	36	27	44	32	46	32	63	35	68	40	88	56	72	58	70	41	45	28	40	28	32	17
24	46	33	39	24	46	29	58	34	60	31	58	45	83	60	82	39	67	49	59	32	38	31	38	20
25	42	37	41	24	38	30	62	36	63	35	75	39	81	46	85	39	63	34	60	28	44	31	39	31
26	46	35	44	24	34	24	61	37	72	45	77	49	91	53	87	37	68	25	60	33	44	33	39	33
27	44	34	52	28	37	12	53	30	73	50	83	45	87	54	98	49	77	34	64	37	42	34	40	33
28	48	35	44	34	49	24	57	29	76	40	77	53	70	53	90	49	79	34	49	37	48	32	43	31
29	50	32			42	32	64	36	68	52	62	47	81	36	91	44	81	38	28	25	38	34	24	31
30	52	36			37	22	56	45	71	49	60	43	87	42	81	52	83	35	15	12	47	32	37	33
31	52	33			36	22			64	45			67	55	82	54			14	-1			39	32

MAXIMUM AND MINIMUM DAILY TEMPERATURES (°F)--1936
(Soil Conservation Experiment Station, Pullman, Washington)

Day of Month	Jan. Max Min	Feb. Max Min	March Max Min	April Max Min	May Max Min	June Max Min	July Max Min	Aug. Max Min	Sept. Max Min	Oct. Max Min	Nov. Max Min	Dec. Max Min
1	40 31	22 6	52 33	26 -6	65 47	60 45	88 52	90 43	61 56	73 38	42 16	29 15
2	40 31	25 1	59 35	37 -2	65 46	50 44	87 56	80 48	58 49	74 37	36 1	38 12
3	39 32	17 0	50 38	34 14	71 49	55 46	76 58	89 50	65 50	67 39	46 15	38 15
4	44 30	20 -5	52 33	43 37	60 51	62 45	82 46	93 53	72 50	63 45	47 28	34 16
5	37 29	30 12	57 32	45 27	47 40	68 42	75 56	96 53	69 54	63 39	44 32	40 24
6	29 26	30 13	46 33	51 31	59 35	72 45	81 45	86 54	79 52	71 34	44 30	50 39
7	35 26	6 -10	48 30	54 36	62 35	60 51	75 50	82 56	80 52	80 47	41 10	43 40
8	37 27	7 -14	47 37	50 33	62 41	56 45	80 51	88 43	75 40	78 37	47 25	40 33
9	38 28	12 -9	41 30	55 33	78 44	71 45	72 53	92 44	75 37	77 38	47 24	38 27
10	42 30	21 6	42 26	60 43	85 49	76 45	68 52	81 53	72 36	84 43	45 15	37 26
11	43 33	16 10	47 30	67 46	79 55	79 41	73 53	82 60	67 37	73 38	52 28	38 26
12	42 32	8 -22	47 31	74 46	88 47	76 42	86 40	85 50	52 35	66 48	56 32	39 26
13	39 36	12 -8	42 33	70 44	89 53	75 41	63 52	87 48	55 33	67 39	60 35	47 36
14	39 31	10 -19	38 30	65 47	69 58	80 41	81 48	82 58	50 38	61 51	61 42	41 35
15	42 31	6 -18	48 30	77 43	60 48	70 39	80 48	98 42	59 31	60 30	49 22	40 29
16	33 30	5 -8	52 31	63 50	68 40	76 32	83 46	87 52	58 34	64 33	57 31	35 25
17	33 29	15 -8	44 33	85 53	67 35	70 34	81 56	92 43	70 33	76 38	55 30	47 27
18	32 26	11 -6	48 28	69 52	81 46	68 32	93 48	77 51	74 38	73 45	57 34	51 31
19	32 24	19 -3	57 32	65 45	60 44	75 26	98 47	80 42	79 38	65 40	64 40	49 39
20	35 24	33 0	61 34	70 39	58 40	79 35	100 52	85 42	86 50	57 29	60 26	41 36
21	36 27	45 15	37 29	80 48	68 41	65 29	100 52	84 49	84 48	49 18	53 34	44 36
22	38 30	44 27	33 22	61 52	66 43	95 34	92 54	78 54	73 60	56 30	51 19	52 45
23	35 32	32 26	37 20	65 44	75 43	85 44	89 56	74 49	73 33	63 38	48 19	45 39
24	29 24	29 20	41 26	55 47	81 42	82 42	78 59	69 50	78 44	64 30	48 19	37 30
25	33 22	38 18	40 27	56 39	66 44	57 47	77 44	72 46	67 43	62 27	47 16	37 30
26	29 17	40 20	41 27	58 58	93 50	85 34	87 37	78 34	66 34	61 29	43 14	35 26
27	32 24	42 34	40 33	60 38	86 59	73 44	92 45	82 37	76 36	60 23	36 10	38 29
28	28 14	46 34	34 26	69 44	76 55	70 29	93 49	81 44	75 37	62 26	24 14	30 26
29	19 -2	56 35	30 18	62 59	73 45	75 24	92 50	91 55	60 44	67 39	16 17	26 19
30	24 11		32 16	64 39	76 45	83 42	90 50	80 46	76 37	52 29	21 19	28 14
31	20 5		22 19		71 50		86 57	75 43		39 38		29 18

MAXIMUM AND MINIMUM DAILY TEMPERATURES (°F)--1937
(Soil Conservation Experiment Station, Pullman, Washington)

Day of Month	Jan. Max Min	Feb. Max Min	March Max Min	April Max Min	May Max Min	June Max Min	July Max Min	Aug. Max Min	Sept. Max Min	Oct. Max Min	Nov. Max Min	Dec. Max Min
1	17 15	37 13	41 32	42 37	76 47	82 39	81 57	66 47	74 37	49 45	49 32	41 31
2	17 -2	35 30	44 33	44 30	80 43	87 45	75 55	74 42	86 43	47 43	51 33	30 22
3	35 5	35 15	46 31	46 31	81 59	70 54	82 53	84 49	91 46	47 38	59 33	34 22
4	38 12	39 24	50 34	45 32	55 45	68 41	95 56	93 54	69 46	35 36	52 30	41 31
5	24 10	33 27	50 35	47 32	52 33	70 38	70 52	83 53	55 51	57 38	47 29	33 26
6	8 -6	22 16	52 38	45 31	66 30	76 41	75 41	79 57	73 46	60 37	43 27	31 28
7	2 -15	25 15	49 28	52 30	66 40	74 42	81 43	78 55	79 43	64 36	45 30	30 26
8	9 -14	20 5	52 32	60 34	62 40	70 52	86 47	75 55	82 42	69 35	53 37	27 17
9	17 -10	22 5	52 36	49 43	60 40	64 52	86 53	73 56	84 45	73 39	69 40	39 21
10	22 8	34 16	56 32	46 36	50 38	56 46	85 47	78 57	87 47	75 39	58 38	43 25
11	26 -5	38 15	58 39	48 34	59 42	66 46	85 51	85 55	93 50	76 36	48 34	45 33
12	26 -8	33 30	59 39	55 37	66 38	68 49	84 51	92 58	84 62	73 42	45 35	36 33
13	23 -6	35 15	48 34	53 43	59 52	68 45	75 56	78 61	88 47	77 44	45 33	42 35
14	34 7	31 20	46 30	58 43	62 49	74 50	75 53	65 42	91 48	69 41	49 35	43 35
15	32 10	38 17	48 34	48 34	62 35	74 52	75 49	72 35	92 46	84 47	44 39	43 34
16	22 2	32 22	48 34	47 52	64 45	50 57	82 50	85 38	83 46	57 47	51 40	41 37
17	22 0	39 23	53 33	53 32	74 38	61 41	88 50	88 46	76 48	52 35	46 31	46 33
18	20 13	28 23	39 22	58 40	67 48	59 46	89 52	84 56	93 45	54 34	39 30	40 30
19	4 -1	29 9	40 26	48 37	60 41	60 48	51 55	80 53	75 58	60 34	45 32	32 29
20	-2 -32	32 2	42 28	51 37	62 42	71 55	86 43	86 46	69 44	63 40	37 33	42 30
21	9 -19	39 32	49 51	40 31	74 40	63 55	80 59	88 52	66 41	71 46	48 42	39 26
22	12 -10	40 34	40 35	48 33	60 47	63 54	86 48	77 55	60 45	73 51	48 36	28 26
23	17 0	38 34	47 31	48 34	67 39	60 34	92 50	65 42	60 37	71 48	50 40	26 20
24	17 4	45 33	54 33	58 35	78 36	70 42	96 53	71 40	63 34	60 45	43 34	32 19
25	26 0	42 24	48 30	71 42	65 49	72 39	93 65	50 46	65 35	66 40	50 33	42 24
26	27 16	38 26	53 28	64 43	68 46	78 49	91 66	80 47	70 46	72 48	41 31	41 27
27	30 18	38 30	55 27	42 39	72 42	81 50	92 63	69 48	67 41	71 49	46 32	43 28
28	27 18	41 29	50 31	42 36	60 48	92 51	78 61	69 43	69 35	67 47	47 33	45 33
29	13 3		53 30	62 34	56 37	68 59	80 49	74 33	57 35	51 47	42 29	45 36
30	4 -13		48 40	64 36	69 35	85 61	72 48	72 39	66 42	48 42	41 30	38 36
31	14 -13		47 36		75 35		80 49	62 51		48 40		38 29

MAXIMUM AND MINIMUM DAILY TEMPERATURES (°F)--1936
(Soil Conservation Experiment Station, Pullman, Washington)

Day of Month	Jan. Max Min	Feb. Max Min	March Max Min	April Max Min	May Max Min	June Max Min	July Max Min	Aug. Max Min	Sept. Max Min	Oct. Max Min	Nov. Max Min	Dec. Max Min
1	36 29	39 17	44 30	49 26	54 42	58 43	62 52	77 51	86 55	79 47	46 34	45 36
2	38 27	39 17	46 30	56 32	53 32	72 48	65 44	73 48	96 56	76 56	49 36	45 32
3	29 23	43 25	49 36	50 31	49 32	80 39	70 35	83 43	96 53	60 51	52 36	38 32
4	28 24	38 30	47 33	42 35	50 32	83 44	64 49	87 40	71 58	55 42	42 34	46 31
5	27 25	42 23	42 32	47 33	54 32	83 44	76 40	83 50	64 49	49 43	40 27	45 33
6	27 24	33 27	47 32	51 32	57 30	78 43	63 54	81 53	65 45	51 43	41 24	43 32
7	27 26	36 27	51 32	58 33	62 34	84 42	87 58	73 54	57 44	57 35	46 29	55 38
8	30 25	35 28	49 34	58 38	60 40	58 44	77 56	80 35	63 48	62 35	40 31	54 40
9	34 24	41 20	48 31	50 37	62 34	55 35	64 39	84 38	69 43	63 37	43 30	39 36
10	44 33	42 27	52 32	55 29	63 38	72 35	81 47	87 41	79 40	66 45	33 23	35 27
11	37 28	40 27	56 38	56 34	57 45	81 39	76 53	77 57	64 41	54 44	25 14	33 17
12	38 28	34 27	58 42	43 40	63 46	82 43	84 40	72 42	83 43	65 44	32 11	30 17
13	41 30	38 23	51 43	53 32	62 34	72 57	92 44	67 40	85 56	52 40	35 24	35 18
14	46 33	43 28	45 35	54 31	72 36	73 46	96 54	71 48	90 55	50 34	40 25	37 21
15	42 39	31 25	47 32	56 37	71 34	77 42	88 48	73 46	69 49	43 36	46 33	39 22
16	37 30	26 17	39 32	57 44	57 34	80 52	96 58	83 49	90 40	61 36	47 33	28 16
17	39 32	31 14	36 29	58 46	50 42	48 41	95 54	64 58	93 46	53 28	44 32	28 16
18	39 29	34 18	41 29	52 44	53 36	63 41	90 52	71 47	96 52	58 32	46 33	25 17
19	37 27	33 26	38 31	52 32	62 38	67 46	90 46	75 48	84 55	65 39	47 34	30 20
20	43 21	36 26	37 25	58 30	69 36	77 42	95 50	52 43	84 45	68 43	36 27	26 21
21	46 30	35 32	39 24	60 34	73 41	77 51	100 56	78 47	93 48	69 40	35 19	30 20
22	41 37	41 32	40 27	58 40	78 43	76 54	101 57	75 50	86 45	67 35	32 15	37 15
23	34 27	38 32	49 30	60 35	80 43	81 54	91 62	83 41	92 57	70 43	29 18	39 23
24	38 24	40 32	47 34	60 41	80 49	83 59	58 49	94 42	72 50	58 39	39 19	40 35
25	38 26	45 27	43 33	59 39	79 48	79 59	85 53	96 50	72 40	63 36	36 16	32 29
26	42 29	39 26	53 31	56 40	63 44	79 50	90 45	92 56	79 37	73 43	38 20	33 12
27	44 30	44 27	55 33	64 37	77 58	81 45	91 49	90 50	84 42	60 40	42 25	40 16
28	45 32	50 31	38 28	71 39	67 48	85 52	90 52	56 46	75 46	66 42	44 30	42 27
29	22 20		39 24	73 41	63 47	85 51	85 55	94 46	76 52	49 44	45 32	43 33
30	30 1		40 26	73 40	67 44	78 55	85 47	90 40	69 51	56 40	43 33	45 34
31	38 16		42 29		68 40		83 51	93 49		49 33		52 34

MAXIMUM AND MINIMUM DAILY TEMPERATURES (°F)--1939
(Soil Conservation Experiment Station, Pullman, Washington)

Day of Month	Jan. Max Min	Feb. Max Min	March Max Min	April Max Min	May Max Min	June Max Min	July Max Min	Aug. Max Min	Sept. Max Min	Oct. Max Min	Nov. Max Min	Dec. Max Min
1	55 38	29 20	35 20	61 45	76 36	85 31	90 39	85 37	64 54	62 38	61 27	49 30
2	47 37	27 19	38 28	62 37	74 65	72 34	78 39	92 39	71 34	44 42	59 36	49 39
3	40 35	35 20	32 28	53 45	65 43	71 43	61 51	95 50	78 45	50 39	46 39	55 38
4	37 29	35 23	27 22	45 27	68 37	58 42	70 52	92 57	86 50	59 37	48 26	58 37
5	33 30	38 22	34 12	46 29	59 31	57 33	67 46	86 57	72 58	53 42	51 28	63 40
6	35 29	32 27	36 20	55 26	63 31	64 41	74 45	75 53	66 42	56 33	56 34	55 31
7	37 30	31 25	37 19	59 36	63 41	66 40	76 46	80 37	73 33	53 28	58 42	52 37
8	34 31	10 07	38 20	58 38	72 39	60 38	81 42	84 39	81 41	58 26	48 43	49 42
9	36 30	13 -15	36 21	50 38	68 35	66 45	97 52	86 44	88 43	62 33	44 30	49 39
10	40 30	26 -2	41 29	55 27	73 30	71 40	92 57	92 58	84 40	63 41	50 29	54 40
11	43 33	40 0	38 31	57 34	73 33	73 30	90 59	93 55	55 48	67 38	57 34	41 34
12	38 28	37 14	38 31	42 30	76 39	73 49	92 44	84 60	61 41	71 44	61 39	38 30
13	39 27	37 30	38 28	47 30	81 40	75 42	93 58	86 50	54 47	73 39	61 40	39 31
14	41 30	41 30	39 26	55 29	85 44	75 38	80 52	95 47	62 46	72 48	55 32	49 34
15	36 30	37 30	35 28	55 36	87 45	64 47	76 42	83 51	72 47	52 45	55 32	52 38
16	32 28	39 19	40 29	60 26	58 52	60 40	69 46	90 42	81 51	55 40	59 38	52 38
17	42 29	41 20	43 33	69 38	56 44	55 42	35 37	84 50	81 50	57 43	59 37	52 37
18	43 28	44 30	52 32	71 42	61 39	62 44	79 40	84 45	77 43	61 44	52 31	41 30
19	45 33	35 24	62 31	61 34	60 41	65 48	66 52	87 39	88 40	59 38	52 28	45 32
20	40 30	35 24	66 38	72 38	67 40	67 42	71 43	91 45	35 35	55 40	53 25	52 33
21	37 24	36 20	67 39	73 40	57 44	77 42	85 42	92 44	85 48	69 43	52 32	35 32
22	38 25	37 22	68 40	62 45	60 44	78 53	89 43	94 47	84 51	68 40	54 38	33 29
23	40 27	39 22	68 42	61 32	67 43	66 49	92 50	95 49	82 44	70 42	57 37	35 25
24	41 29	42 25	66 41	53 36	71 38	67 47	89 63	85 66	74 45	43 36	64 41	29 24
25	37 23	35 28	58 44	54 36	72 40	63 42	95 63	86 63	79 41	42 28	67 40	26 19
26	38 24	35 18	47 34	69 34	72 52	73 34	100 53	86 46	76 35	37 30	53 35	25 20
27	40 30	34 24	53 30	78 43	74 47	81 42	103 59	87 47	66 49	53 27	48 28	28 12
28	38 28	32 23	54 28	86 55	74 57	92 49	101 66	71 47	66 44	59 35	45 20	35 20
29	42 29		55 29	51 47	67 59	94 57	93 54	77 37	70 32	56 28	48 30	37 25
30	37 24		61 37	66 38	60 42	77 54	89 49	74 44	72 42	52 37	61 35	37 30
31	29 24		61 40		61 39		77 59	77 43		57 29		40 30

MAXIMUM AND MINIMUM DAILY TEMPERATURES (°F)--1940
(Soil Conservation Experiment Station, Pullman, Washington)

Day of Month	Jan.		Feb.		March		April		May		June	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	47	31	42	22	48	32	47	39	71	40	59	53
2	49	37	34	23	47	36	47	33	67	49	65	46
3	45	31	39	27	50	30	55	31	59	38	69	38
4	44	32	44	29	46	34	58	32	64	45	67	44
5	49	29	42	33	45	31	51	40	50	37	73	42
6	33	28	45	35	46	31	57	34	60	34	68	38
7	34	26	41	34	46	33	50	42	68	37	56	43
8	34	28	42	28	42	31	55	42	74	44	69	44
9	35	28	46	31	43	29	47	40	60	42	75	47
10	38	23	41	36	43	27	55	33	77	53	65	44
11	29	11	40	30	45	26	60	36	67	51	87	50
12	28	16	42	28	43	26	72	42	64	41	92	54
13	33	15	35	29	50	30	66	46	68	31	75	53
14	36	23	36	30	56	33	56	39	64	47	76	40
15	41	19	37	28	62	41	59	39	63	43	82	40
16	40	29	38	29	49	42	57	30	67	42	75	44
17	38	33	40	30	50	31	65	40	66	30	83	45
18	26	13	40	30	53	30	59	45	75	39	89	44
19	25	14	44	30	56	31	68	38	71	47	93	56
20	31	16	45	27	60	34	55	41	72	39	73	53
21	25	12	41	26	62	34	58	32	77	42	74	35
22	32	20	34	29	61	34	66	32	82	43	76	48
23	29	20	39	27	62	35	51	43	83	46	83	40
24	20	12	45	28	55	44	56	39	76	47	90	43
25	32	13	47	29	54	42	57	36	65	45	87	54
26	37	15	47	35	52	41	57	43	60	33	81	51
27	39	22	46	35	52	38	60	40	68	29	81	48
28	46	35	50	37	50	38	56	41	76	34	85	37
29	43	36	49	38	52	40	51	34	80	34	90	42
30	47	34			52	37	56	32	74	65	77	59
31	46	28			50	40			69	59		

Tabulations of Hydrologic Data

STREAM DISCHARGE
AND SUSPENDED MATTER

1934 to 1940

Runoff and Suspended Matter

April 1934

South Fork of Palouse River (81.1 square miles)				Fourmile Creek (71.9 square miles)				Missouri Flat Creek (27.5 square miles)			
Mean Daily Discharge		Suspended Matter		Mean Daily Discharge		Suspended Matter		Mean Daily Discharge		Suspended Matter	
CFS per sq. mi.		Tons per Day		CFS per sq. mi.		Tons per Day		CFS per sq. mi.		Tons per Day	
Date	CFS	sq. mi.	Day	CFS	sq. mi.	Day	CFS	CFS	sq. mi.	Day	CFS
1											
2											
3											
4											
5											
6											
7											
8											
9											
10				9.9	.138	1.3		2.3	.084	0.2	
11				7.4	.103	.5		2.0	.073	.2	
12				6.8	.094	.5		1.7	.062	.2	
13				6.2	.086	.5		1.6	.058	.1	
14				5.2	.072	.4		1.5	.054	.08	
15				4.5	.062	.4		1.2	.044	.09	
16				6.5	.090	.5		1.7	.062	.1	
17				5.7	.079	.4		1.4	.051	.07	
18				4.5	.062	.3		1.1	.040	.06	
19				3.8	.053	.2		1.0	.036	.06	
20				3.2	.044	.2		.8	.029	.05	
21				3.0	.042	.2		.8	.029	.05	
22				2.6	.036	.1		.8	.029	.05	
23				2.3	.032	.1		.7	.025	.04	
24				2.3	.032	.3		.8	.029	.04	
25				3.2	.044	.4		1.0	.036	.05	
26				3.6	.050	.5		.9	.033	.05	
27				3.0	.042	.4		1.0	.036	.05	
28				5.9	.082	.9		2.7	.098	.1	
29				3.8	.053	.3		1.1	.040	.08	
30				2.8	.039	.2		.9	.033	.05	
Total						8.6				1.77	
Mean											
Maximum											
Minimum											

May 1934

South Fork of Palouse River (81.1 square miles)				Fourmile Creek (71.9 square miles)				Missouri Flat Creek (27.5 square miles)			
Mean Daily Discharge		Suspended Matter		Mean Daily Discharge		Suspended Matter		Mean Daily Discharge		Suspended Matter	
CFS per sq. mi.		Tons per Day		CFS per sq. mi.		Tons per Day		CFS per sq. mi.		Tons per Day	
Date	CFS	sq. mi.	Day	CFS	sq. mi.	Day	CFS	CFS	sq. mi.	Day	CFS
1				3.2	.044	0.3		1.2	.044	0.3	
2				3.0	.042	.3		.8	.029	.1	
3				2.4	.033	.3		.8	.029	.05	
4				2.1	.029	.09		.7	.025	.04	
5				1.9	.026	.08		.6	.022	.04	
6				1.6	.022	.06		.6	.022	.04	
7				1.5	.021	.2		.6	.022	.05	
8				6.2	.086	1.0		2.7	.098	.2	
9				6.8	.094	.8		1.6	.058	.2	
10				3.2	.044	.4		1.0	.036	.05	
11				2.3	.032	.3		.8	.029	.04	
12				2.0	.028	.3		.7	.025	.06	
13				1.5	.021	.2		.6	.022	.05	
14				1.1	.015	.2		.4	.014	.04	
15				1.1	.015	.2		.4	.014	.04	
16				.9	.012	.06		.3	.011	.03	
17				.8	.011	.06		.3	.011	.01	
18				.9	.012	.07		.3	.011	.01	
19				.8	.011	.06		.3	.011	.02	
20				.8	.011	.05		.2	.007	.01	
21				.8	.011	.05		.2	.007	.01	
22	2.2	.027	0.2	.7	.010	.04		.2	.007	.01	
23	2.0	.025	.2	.8	.011	.04		.2	.007	.01	
24	1.8	.022	.2	.7	.010	.04		.2	.007	.01	
25	1.8	.022	.2	.7	.010	.04		.1	.004	.005	
26	1.6	.020	.2	.6	.008	.05		.1	.004	.008	
27	1.5	.019	.2	.6	.008	.05		.1	.004	.01	
28	1.4	.017	.1	1.6	.022	56		1.6	.058	172	
29	2.0	.025	3.6	3.7	.051	80		.8	.029	13	
30	1.4	.017	6.5	.7	.010	6.0		.1	.004	.5	
31	1.3	.016	1.3	.5	.007	2.6		.1	.004	.2	
Total			12.7			119.44				177.23	
Mean				1.79	.025			.60	.022		
Maximum				6.8	.094			2.7	.098		
Minimum				.5	.007			.1	.004		

Runoff and Suspended Matter

June 1934

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter
	CFS	CFS per sq. mi.	Tons per Day
1	1.3	.016	0.8
2	1.6	.020	1.7
3	1.2	.015	.6
4	4.6	.057	2.2
5	2.5	.031	2.2
6	2.1	.026	.6
7	2.5	.031	3.8
8	14.5	.179	44.6
9	4.1	.050	26
10	2.4	.030	7.8
11	1.8	.022	3.2
12	1.4	.017	3.2
13	1.2	.015	2.0
14	1.0	.012	1.2
15	.8	.010	.7
16	.8	.010	.5
17	.7	.009	.4
18	.6	.007	.3
19	.6	.007	.2
20	.6	.007	.2
21	.6	.007	.1
22	.4	.005	.07
23	.5	.006	.1
24	.5	.006	.09
25	.5	.006	.09
26	2.3	.028	1.4
27	16.5	.203	86
28	2.7	.033	1.2
29	1.8	.022	4.7
30	1.3	.016	2.6
Total			539.35
Mean			2.45
Maximum			16.5
Minimum			.4

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter
	CFS	CFS per sq. mi.	Tons per Day
1	0.6	.008	2.7
2	.7	.010	1.9
3	.6	.008	1.0
4	2.0	.028	2.8
5	1.6	.022	2.3
6	1.6	.022	1.3
7	1.1	.015	.6
8	2.4	.033	.8
9	3.0	.042	7.3
10	1.1	.015	1.5
11	.8	.011	.9
12	.6	.008	.7
13	.5	.007	.4
14	.4	.006	.3
15	.4	.006	.4
16	.3	.004	.1
17	.3	.004	.2
18	.2	.003	.1
19	.2	.003	.06
20	.2	.003	.1
21	.2	.003	.1
22	.2	.003	.1
23	.2	.003	.07
24	.1	.001	.05
25	.1	.001	.03
26	8.8	.122	58
27	17.1	.238	127
28	2.4	.033	13
29	1.0	.014	4.3
30	.7	.010	2.2
Total			270.32
Mean			1.65
Maximum			17.1
Minimum			.1

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter
	CFS	CFS per sq. mi.	Tons per Day
1	0.1	.004	0.2
2	.1	.004	.1
3	.1	.004	.2
4	1.7	.062	3.4
5	.3	.011	.3
6	.2	.007	.2
7	.3	.011	.2
8	8.0	.291	475
9	.8	.029	22
10	.3	.011	1.8
11	.2	.007	.9
12	.1	.004	.4
13	.09	.003	.3
14	.08	.003	.2
15	.06	.002	.1
16	.05	.002	.05
17	.04	.001	.05
18	.04	.001	.005
19	.04	.001	.005
20	.04	.001	.005
21	.04	.001	.003
22	.04	.001	.003
23	.04	.001	.003
24	.02	.001	.008
25	.03	.001	.003
26	4.2	.153	15
27	7.3	.265	37
28	.6	.022	2.6
29	.2	.007	.6
30	.1	.004	.2
Total			550.35
Mean			.240
Maximum			8.0
Minimum			.02

July 1934

1	1.0	.012	1.6
2	.8	.010	1.1
3	.7	.009	.8
4	.7	.009	.7
5	.8	.010	.7
6	.4	.005	.3
7	.4	.005	.2
8	.4	.005	.2
9	.4	.005	.2
10	.6	.007	.2
11	.3	.004	.09
12	.3	.004	.09
13	.3	.004	.09
14	.3	.004	.07
15	.2	.002	.04
16	.2	.002	.05
17	.2	.002	.05
18	.2	.002	.05
19	.2	.002	.05
20	.2	.002	.05
21	.2	.002	.05
22	.4	.005	.06
23	.4	.005	.06
24	.3	.004	.05
25	.2	.002	.03
26	.3	.004	.04
27	.2	.002	.03
28	.1	.001	.03
29	.08	.001	.02
30	.07	.001	.02
31	.04	.000	.01
Total			7.33
Mean			.351
Maximum			1.0
Minimum			.04

1	0.5	.007	1.3
2	.4	.006	1.3
3	.3	.004	.8
4	.2	.003	.5
5	.2	.003	.5
6	.2	.003	.4
7	.1	.001	.3
8	.1	.001	.2
9	.08	.001	.2
10	.04	.000	.06
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			5.6
Mean			.368
Maximum			.5
Minimum			0

1	0.09	.003	0.2
2	.08	.003	.1
3	.06	.002	.06
4	.06	.002	.02
5	.05	.002	.008
6	.04	.001	.003
7	.04	.001	.008
8	.04	.001	.008
9	.04	.001	.008
10	.04	.001	.008
11	.04	.001	.008
12	.04	.001	.01
13	.04	.001	.01
14	.04	.001	.005
15	.04	.001	.005
16	.04	.001	.003
17	.05	.002	.005
18	.05	.002	.008
19	.04	.001	.005
20	.05	.002	.003
21	.05	.002	.008
22	.05	.002	.008
23	.05	.002	.008
24	.05	.002	.003
25	.04	.001	.003
26	.02	.001	.001
27	.04	.001	.001
28	.04	.001	.005
29	.04	.001	.005
30	.04	.001	.005
31	.05	.002	.005
Total			5.2
Mean			.165
Maximum			.09
Minimum			.02

August 1934

Missouri Flat Creek (27.5 square miles)		
Mean Daily Discharge	Suspended Matter	
CFS	CFS per sq. mi.	Tons per Day
0.05	.002	0.005
.04	.001	.005
.04	.001	.005
.04	.001	.005
.04	.001	.005
.03	.001	.005
.04	.001	.005
.03	.001	.005
.03	.001	.005
.03	.001	.005
.02	.001	.005
.02	.001	.005
.02	.001	.005
.02	.001	.005
.02	.001	.005
.02	.001	.005
.01	.000	.005
.01	.000	.005
.01	.000	.005
.03	.001	.005
.02	.001	.005
.01	.000	.005
.01	.000	.005
.02	.001	.005
.02	.001	.005
.02	.001	.005
.01	.000	.005
.01	.000	.005
.023	.001	.005
.05	.002	.005
.01	.000	.005

[illegible]

October 1934

Missouri Flat Creek
(27.5 square miles)[illegible]

November 1934

0.21	.008	0.09
.19	.007	.36
.37	.013	.09
.34	.012	.06
.61	.022	.1
.59	.021	.1
.37	.013	.06
.25	.009	.04
.19	.007	.02
.12	.004	.01
.12	.004	.01
.12	.004	.007
.12	.004	.008
.12	.004	.01
.12	.004	.01
.12	.004	.01
.16	.006	.02
.12	.015	.03
.12	.015	.03
.53	.019	.06
.51	.018	.04
.15	.016	.07
.35	.013	.04
.30	.011	.02
.15	.016	.04
.35	.013	.03
.52	.019	.03
.70	.025	.08
.93	.034	.1
1.1	.040	.5
		2.145
0.511	.021	
1.1	.040	
.12	.004	

Runoff and Suspended Matter

December 1934

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	5.0	.062	1.8
2	3.4	.042	.6
3	2.9	.036	.8
4	3.6	.044	.7
5	3.6	.044	.7
6	2.8	.034	.6
7	2.6	.032	.9
8	2.6	.032	.8
9	2.6	.032	.9
10	2.4	.030	.8
11	2.3	.028	.7
12	2.3	.028	.8
13	2.7	.033	1.0
14	3.1	.038	1.0
15	2.9	.036	1.0
16	3.3	.041	.9
17	4.0	.049	1.5
18	5.2	.064	2.2
19	6.6	.081	2.8
20	30	.370	152
21	54	.666	475
22	82	1.01	923
23	31	.382	35
24	28	.345	18
25	21	.259	12
26	23	.284	6.5
27	17.8	.219	6.7
28	13.2	.163	4.4
29	12.2	.150	4.0
30	7.6	.094	1.9
31	9.3	.115	3.0
Total			1,500.3
Mean	12.7	.156	
Maximum	82	1.01	
Minimum	2.3	.028	

Fourmile Creek (71.9 square miles)		
Date	Mean Daily Discharge	
	CFS	sq. mi.
1	3.4	.047
2	2.3	.032
3	1.8	.025
4	2.0	.028
5	2.2	.031
6	1.7	.024
7	1.5	.021
8	1.4	.019
9	1.4	.019
10	1.2	.017
11	1.2	.017
12	1.2	.017
13	1.7	.024
14	2.1	.029
15	1.9	.026
16	2.2	.031
17	3.1	.043
18	5.1	.071
19	6.7	.093
20	45	.626
21	88	1.22
22	68	.946
23	33	.459
24	32	.445
25	23	.320
26	24	.334
27	21	.292
28	16.4	.228
29	13.2	.184
30	10.4	.145
31	10.5	.146
Total		3,144.2
Mean	13.8	.192
Maximum	88	1.22
Minimum	1.2	.017

Missouri Flat Creek (27.5 square miles)		
Date	Mean Daily Discharge	
	CFS	sq. mi.
1	0.98	.036
2	.64	.023
3	.59	.021
4	.67	.024
5	.56	.020
6	.42	.015
7	.37	.013
8	.37	.013
9	.37	.013
10	.32	.012
11	.28	.010
12	.32	.012
13	.42	.015
14	.51	.018
15	.50	.018
16	.56	.020
17	1.0	.036
18	1.3	.047
19	2.2	.080
20		.727
21	38	1.36
22	25	.909
23	10.6	.385
24	11.0	.400
25	7.5	.273
26	7.4	.269
27	5.7	.207
28	4.3	.156
29	3.9	.142
30	2.8	.102
31	3.4	.124
Total		970.3
Mean	4.90	.178
Maximum	38	1.36
Minimum	.28	.010

Runoff and Suspended Matter

January 1935

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	9.1	.112	2.7
2	11.5	.142	3.5
3	11.9	.147	3.7
4	17.8	.219	12
5	38	.468	49
6	63	.777	188
7	112	1.38	393
8	85	1.05	102
9	46	.567	41
10	31	.382	1.7
11	28	.345	8.9
12	25	.308	8.5
13	23	.284	7.6
14	22	.271	5.3
15	22	.271	5.0
16	22	.271	5.4
17	19.1	.236	5.5
18	17.0	.210	3.4
19	14.5	.179	4.8
20	12.0	.148	2.8
21	9.6	.118	2.5
22	9.0	.111	2.5
23	19.6	.242	11
24	230	2.84	1,710
25	292	3.60	1,700
26	172	2.12	593
27	125	1.54	387
28	95	1.17	213
29	85	1.05	118
30	79	.974	134
31	61	.752	66
Total			5,755.8
Mean	56.3	.719	
Maximum	292	3.60	
Minimum	9.0	.111	

Fourmile Creek
(71.9 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
9.2	.128		2.4
10.2	.142		2.3
12.1	.168		2.4
18.9	.263		15
83	1.15		185
83	1.15		157
65	1.18		717
84	1.17		69
57	.793		44
37	.515		24
28	.389		9.5
27	.376		12
27	.376		9.7
26	.362		8.3
26	.362		8.3
25	.348		7.4
25	.348		7.0
22	.306		6.1
19	.264		2.9
16	.222		1.3
13.7	.190		4.1
17.3	.211		3.9
65	.904		262
502	6.98		4,600
302	4.20		1,560
195	2.71		551
133	1.85		176
106	1.47		77
90	1.25		46
78	1.08		37
71	.987		29
Total			8,555.9
Mean	1.18		
Maximum	6.98		
Minimum	9.2	.128	

Missouri Flat Creek
(27.5 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
3.3	.120		0.9
3.5	.127		1.1
3.6	.131		.9
5.9	.214		1.4
27	.982		29
49	1.73		200
44	1.60		79
36	1.31		31
27	.982		18
16.6	.604		11
13.5	.491		6.2
13.9	.505		4.5
13.6	.494		5.3
11.5	.418		3.6
11.0	.400		3.2
11.0	.400		2.9
10.2	.371		2.7
9.1	.331		2.4
8.2	.298		2.2
7.0	.251		1.9
6.3	.229		1.6
6.4	.233		1.7
24	.873		19
164	5.96		1,500
123	4.47		565
89	3.21		285
65	2.36		101
53	1.93		68
49	1.78		40
45	1.64		38
39	1.42		26
Total			2,552.5
Mean	31.9	1.16	
Maximum	164	5.96	
Minimum	3.3	.120	

February 1935

1	60	.740	59
2	48	.592	55
3	43	.530	28
4	41	.506	20
5	37	.455	16
6	36	.444	14
7	32	.394	10
8	27	.333	9.8
9	21	.259	9.4
10	20	.247	9.2
11	21	.259	8.7
12	26	.320	8.7
13	26	.320	8.5
14	23	.284	17
15	18.7	.230	5.4
16	16.6	.229	5.7
17	25	.308	7.6
18	34	.419	12
19	46	.567	41
20	37	.455	50
21	52	.641	108
22	75	.925	243
23	66	.814	143
24	43	.530	72
25	36	.444	25
26	29	.358	13
27	31	.382	15
28	33	.407	15
Total			1,029.3
Mean	35.3	.443	
Maximum	75	.925	
Minimum	16.6	.229	

64	.890	23
58	.807	22
52	.723	26
47	.654	14
46	.620	14
41	.570	13
37	.515	9.3
29	.403	6.5
23	.320	6.1
23	.320	9.1
21	.292	11
27	.376	10
28	.389	11
27	.376	7.9
22	.306	7.3
21	.292	6.8
30	.417	17
63	.876	149
66	.946	112
56	.723	73
58	.807	109
117	1.63	535
60	.835	129
42	.584	51
32	.445	32
29	.403	31
31	.431	34
39	.542	57
Total		1,552.0
Mean	.734	
Maximum	1.63	
Minimum	21	.292

36	1.31	19
30	1.09	10
27	.982	9.9
23	.836	6.0
21	.784	4.8
17.9	.651	4.3
14.7	.534	2.6
11.2	.407	2.2
9.1	.331	2.7
8.7	.316	3.3
6.8	.277	3.4
7.8	.284	2.5
9.1	.331	3.6
8.8	.320	2.1
7.0	.254	1.5
6.6	.250	1.9
9.9	.390	2.3
25	.909	41
38	1.38	69
27	.982	49
26	.945	46
46	1.67	114
23	.836	38
16.4	.596	13
11.3	.411	5.7
10.7	.399	7.4
11.3	.411	8.4
15.7	.571	9.1
Total		1,552.7
Mean	1.31	
Maximum	1.67	
Minimum	6.6	.250

Runoff and Suspended Matter

March 1935

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	38	.468	22
2	28	.345	11
3	30	.370	13
4	26	.320	6.5
5	22	.271	5.5
6	19.8	.241	5.8
7	24	.296	8.6
8	33	.407	14
9	29	.353	13
10	29	.353	19
11	35	.422	19
12	71	.875	186
13	143	1.76	1,310
14	95	1.17	250
15	70	.863	96
16	50	.616	38
17	48	.592	35
18	41	.506	26
19	37	.456	20
20	35	.432	16
21	33	.407	12
22	28	.345	11
23	27	.333	9.4
24	28	.345	54
25	63	.777	204
26	37	.456	48
27	74	.912	194
28	142	1.75	770
29	180	2.22	1,040
30	100	1.23	233
31	87	1.07	132
Total			1,621.8
Mean	54.9	.677	
Maximum	180	2.22	
Minimum	19.8	.241	

Fourmile Creek
(71.9 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
45	.626		92
31	.431		13
31	.431		17
26	.362		7.4
25	.348		14
26	.362		29
27	.376		28
45	.626		59
30	.417		54
26	.362		31
48	.663		68
94	1.31		418
112	1.56		721
61	.848		67
42	.584		29
35	.437		19
38	.528		16
33	.459		21
29	.403		17
25	.348		17
32	.405		42
26	.362		34
24	.334		10
36	.501		108
75	1.04		544
51	.709		115
118	1.54		640
224	3.12		3,370
204	2.84		1,550
87	1.21		172
74	1.03		95
57.4	.793		5,334.4
224	3.12		
24	.334		

Missouri Flat Creek
(27.5 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
16.2	.589		14
10.4	.378		3.9
10.2	.371		3.2
8.4	.305		2.4
7.7	.280		1.3
7.9	.287		2.7
8.7	.316		5.5
18.7	.680		21
16.5	.600		16
12.0	.436		9.9
21	.764		40
40	1.45		132
46	1.67		247
29	1.05		23
19.8	.720		11
16.3	.593		7.9
18.8	.684		9.4
13.6	.494		6.1
11.6	.422		7.0
10.9	.396		3.8
12.0	.436		9.3
7.2	.262		3.5
6.9	.251		3.4
12.0	.436		46
24	.873		113
13.8	.502		24
42	1.53		108
91	3.31		900
90	3.27		548
38	1.38		44
32	1.16		27
23.0	.686		2,335.3
91	3.31		
6.9	.251		

April 1935

1	53	.653	37
2	47	.580	35
3	48	.592	36
4	57	.703	35
5	82	1.01	136
6	83	1.02	171
7	88	1.08	357
8	242	2.98	2,210
9	149	1.84	386
10	96	1.18	112
11	77	.949	62
12	65	.801	35
13	65	.801	48
14	48	.592	29
15	104	1.28	523
16	143	1.76	803
17	83	1.02	76
18	65	.801	38
19	53	.653	25
20	45	.555	23
21	84	1.04	182
22	50	.616	23
23	75	.925	66
24	47	.580	20
25	39	.481	13
26	34	.419	11
27	32	.394	8.8
28	31	.382	7.5
29	30	.370	5.6
30	27	.333	6.0
Total			5,589.9
Mean	71.4	.880	
Maximum	242	2.98	
Minimum	27	.333	

60	.835	60
50	.696	72
45	.626	81
52	.723	53
88	1.11	455
80	1.16	259
90	1.25	415
199	2.77	2,040
96	1.34	184
65	.904	93
53	.657	22
47	.654	20
55	.765	106
35	.487	14
114	1.58	1,020
95	1.32	582
49	.682	24
46	.640	16
40	.556	10
34	.473	11
39	1.24	740
45	.598	17
101	1.40	361
50	.696	34
37	.515	11
30	.447	8.4
24	.334	4.2
22	.306	3.7
20	.278	2.9
18.5	.257	3.3
60.9	.847	6,582.3
199	2.77	
18.5	.257	

25	.909	18
19.0	.691	14
18.0	.654	12
29	1.05	29
45	1.64	100
29	1.05	51
50	1.82	493
85	3.09	768
42	1.53	41
29	1.05	13
22	.800	6.4
20	.727	4.8
22	.800	19
10.2	.371	2.3
58	2.11	446
36	1.31	178
17.9	.651	5.2
18.7	.680	3.9
11.2	.516	2.6
11.2	.407	3.7
38	1.38	151
21.6	.531	14
32	1.16	62
15.9	.578	5.0
9.1	.331	2.0
7.1	.253	1.2
4.8	.174	.5
4.2	.153	.3
4.0	.145	.3
3.4	.124	.2
21.5	.530	2,474
35	3.39	
3.4	.124	

Runoff and Suspended Matter

May 1935

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	26	.320	4.0
2	25	.308	3.8
3	23	.284	3.2
4	22	.271	3.0
5	22	.271	3.0
6	21	.259	2.8
7	20	.247	1.9
8	19.0	.234	2.3
9	17.6	.217	3.3
10	15.3	.189	2.9
11	15.3	.189	1.4
12	14.4	.178	1.2
13	13.8	.170	1.1
14	12.9	.159	1.0
15	12.9	.159	1.0
16	11.5	.143	1.2
17	15.7	.194	1.4
18	12.9	.159	1.2
19	11.2	.138	1.0
20	11.5	.142	.9
21	5.2	.113	.7
22	8.9	.110	1.0
23	8.7	.107	1.0
24	8.5	.105	.7
25	8.1	.100	.7
26	7.5	.092	.6
27	6.9	.085	.5
28	6.6	.081	.5
29	6.2	.076	.5
30	5.8	.072	.4
31	5.5	.068	.5
Total			18.7
Mean	13.8	.170	
Maximum	25	.308	
Minimum	5.5	.068	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	14.7	.204	1.8
2	13.3	.185	1.6
3	11.7	.163	1.3
4	10.7	.149	1.2
5	10.3	.143	2.3
6	9.5	.132	2.2
7	8.6	.120	.6
8	7.7	.107	.5
9	7.0	.097	1.0
10	5.9	.082	.8
11	5.6	.078	1.0
12	5.6	.078	1.0
13	5.2	.072	.7
14	4.8	.067	.7
15	4.8	.067	.8
16	5.5	.076	1.0
17	8.2	.114	.7
18	5.2	.072	.4
19	4.2	.058	.6
20	3.5	.049	.5
21	3.1	.043	.3
22	2.7	.038	.3
23	2.5	.033	.4
24	2.2	.031	.4
25	2.1	.029	.4
26	2.0	.028	.3
27	1.9	.026	.2
28	1.8	.025	.2
29	1.7	.024	.1
30	1.6	.022	.1
31	1.4	.019	.1
Total			23.5
Mean	5.6	.078	
Maximum	14.7	.204	
Minimum	1.4	.019	

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	2.9	.105	0.2
2	2.6	.094	.1
3	2.2	.080	.1
4	2.0	.073	.1
5	1.9	.069	.09
6	1.8	.065	.07
7	1.6	.058	.06
8	1.4	.051	.05
9	1.3	.047	.07
10	1.1	.040	.06
11	1.0	.036	.06
12	1.0	.036	.06
13	1.0	.036	.02
14	.97	.035	.02
15	.97	.035	.02
16	1.2	.044	.04
17	1.4	.051	.05
18	1.0	.036	.03
19	.85	.031	.03
20	.70	.025	.02
21	.61	.022	.02
22	.59	.021	.01
23	.47	.017	.02
24	.45	.016	.02
25	.42	.015	.02
26	.39	.014	.01
27	.37	.013	.01
28	.35	.013	.01
29	.30	.011	.01
30	.32	.012	.01
31	.28	.010	.01
Total			1.40
Mean	1.08	.039	
Maximum	2.9	.105	
Minimum	.28	.010	

June 1935

1	5.1	.063	0.4
2	4.8	.059	.4
3	4.6	.057	.4
4	4.3	.053	.4
5	3.8	.047	.4
6	3.4	.042	.4
7	3.2	.039	.4
8	3.1	.038	.3
9	2.8	.034	.3
10	2.7	.033	.3
11	2.4	.030	.2
12	2.4	.030	.3
13	2.7	.033	.3
14	3.0	.037	.3
15	3.5	.043	.4
16	3.4	.042	.4
17	2.8	.034	.4
18	2.5	.031	.3
19	2.3	.028	.3
20	2.0	.025	.2
21	1.6	.020	.2
22	1.5	.018	.2
23	1.4	.017	.2
24	1.3	.016	.1
25	1.2	.015	.1
26	1.1	.014	.1
27	1.2	.015	.1
28	1.0	.012	.1
29	1.1	.014	.1
30	1.2	.015	.1
Total			8.1
Mean	2.59	.032	
Maximum	5.1	.063	
Minimum	1.0	.012	

1	1.3	.018	0.3
2	1.2	.017	.2
3	1.0	.014	.2
4	.99	.014	.2
5	.89	.012	.09
6	.74	.010	.03
7	.64	.009	.08
8	.56	.008	.07
9	.51	.007	.1
10	.47	.006	.1
11	.47	.006	.2
12	.80	.011	.2
13	.99	.014	.5
14	.99	.014	.2
15	1.4	.019	.2
16	1.2	.017	.2
17	.89	.012	.06
18	.64	.009	.05
19	.51	.007	.1
20	.39	.005	.09
21	.36	.005	.08
22	.29	.004	.06
23	.23	.003	.05
24	.20	.003	.04
25	.16	.002	.03
26	.16	.002	.03
27	.16	.002	.03
28	.15	.002	.1
29	.14	.002	.04
30	.15	.002	.02
Total			7.10
Mean	0.619	.009	
Maximum	1.4	.019	
Minimum	.14	.002	

1	0.21	.008	0.003
2	.19	.007	.004
3	.19	.007	.004
4	.17	.006	.004
5	.16	.006	.007
6	.16	.006	.004
7	.14	.005	.003
8	.10	.004	.002
9	.07	.002	.002
10	.07	.002	.002
11	.10	.004	.004
12	.16	.006	.006
13	.21	.008	.005
14	.32	.012	.007
15	.42	.015	.009
16	.28	.010	.006
17	.19	.007	.003
18	.14	.005	.002
19	.10	.004	.002
20	.11	.004	.002
21	.10	.004	.004
22	.09	.003	.003
23	.04	.001	.001
24	.04	.001	.002
25	.04	.001	.002
26	.04	.001	.002
27	.04	.001	.002
28	.04	.001	.002
29	.07	.002	.002
30	.07	.002	.002
Total			.175
Mean	0.175	.003	
Maximum	.42	.015	
Minimum	.04	.001	

Runoff and Suspended Matter

July 1935

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	1.3	.016	0.1
2	1.2	.015	.1
3	1.1	.014	.1
4	1.0	.012	.1
5	.94	.012	.1
6	.94	.012	.1
7	1.1	.014	.1
8	1.0	.012	.1
9	1.0	.012	.1
10	.94	.012	.1
11	.79	.010	.1
12	.71	.009	.1
13	.63	.008	.1
14	.55	.007	.1
15	.47	.006	.05
16	.39	.005	.04
17	.29	.004	.03
18	.26	.003	.03
19	.20	.002	.03
20	.18	.002	.02
21	.16	.002	.02
22	.12	.001	.02
23	.12	.001	.01
24	.10	.001	.01
25	.10	.001	.01
26	.08	.001	.01
27	.06	.001	.007
28	.05	.001	.006
29	.04	.000	.006
30	.06	.001	.01
31	.04	.000	.006
Total			1.7-5
Mean	0.514	.005	
Maximum	1.3	.016	
Minimum	.04	.000	

Fourmile Creek
(71.9 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.18	.002	0.02
2	.18	.002	.01
3	.18	.002	.02
4	.15	.002	.02
5	.12	.002	.02
6	.13	.002	.02
7	.26	.004	.04
8	.18	.002	.02
9	.34	.005	.03
10	.28	.004	.02
11	.18	.002	.02
12	.10	.001	.01
13	.06	.001	.007
14	.03	.000	.004
15	.02	.000	.003
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0.254
Mean	0.077	.001	
Maximum	.34	.005	
Minimum	0	0	

Missouri Flat Creek
(27.5 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.10	.004	0.002
2	.08	.003	.002
3	.07	.002	.001
4	.06	.002	.001
5	.04	.001	.001
6	.02	.001	0.000
7	.05	.002	.001
8	.13	.005	.004
9	.16	.006	.005
10	.09	.003	.003
11	.02	.001	.001
12	.01	.000	0.000
13	.01	.000	0.000
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0.01	0.000	0.000
30	0	0	0
31	0	0	0
Total			0.021
Mean	0.027	.001	
Maximum	.16	.006	
Minimum	0	0	

August 1935

1	0.04	.000	0.007
2	.04	.000	.009
3	.05	.001	.01
4	.05	.001	.01
5	.04	.000	.007
6	.04	.000	.006
7	.04	.000	.006
8	.04	.000	.006
9	.04	.000	.009
10	.03	.000	.006
11	.02	.000	.003
12	.02	.000	.004
13	.01	.000	.001
14	.01	.000	.002
15	.01	.000	.002
16	.02	.000	.004
17	.02	.000	.002
18	.06	.001	.007
19	.10	.001	.01
20	.10	.001	.01
21	.08	.001	.01
22	.06	.001	.009
23	.04	.000	.006
24	.03	.000	.004
25	.03	.000	.005
26	.03	.000	.005
27	.03	.000	.004
28	.03	.000	.006
29	.03	.000	.003
30	.02	.000	.004
31	.12	.001	.04
Total			0.217
Mean	0.041	.000	
Maximum	.12	.001	
Minimum	.01	.000	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0.01	0.000	0.000
19	.01	.000	.000
20	.01	.000	.000
21	.01	.000	.000
22	0	0	0
23	.01	.000	.000
24	.01	.000	.000
25	.01	.000	.000
26	.01	.000	.000
27	.01	.000	.000
28	.01	.000	.000
29	.01	.000	.000
30	.01	.000	.000
31	.01	.000	.000
Total			0
Mean	0.001	.000	
Maximum	.01	.000	
Minimum	0	0	

Runoff and Suspended Matter

September 1935

South Fork of Palouse River (61.1 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	CFS per sq. mi.	Tons per Day
1	0.12	.001	0.02
2	.06	.001	.009
3	.05	.001	.007
4	.04	.000	.006
5	.04	.000	.006
6	.04	.000	.006
7	.04	.000	.006
8	.04	.000	.006
9	.04	.000	.006
10	.04	.000	.006
11	.04	.000	.006
12	.04	.000	.006
13	.04	.000	.006
14	.04	.000	.006
15	.06	.001	.009
16	.08	.001	.01
17	.10	.001	.01
18	.08	.001	.01
19	.08	.001	.01
20	.08	.001	.01
21	.08	.001	.01
22	.07	.001	.01
23	.08	.001	.01
24	.08	.001	.01
25	.08	.001	.01
26	.08	.001	.009
27	.08	.001	.009
28	.10	.001	.01
29	.10	.001	.008
30	.10	.001	.01
Total	0.009	.001	0.009
Mean	0.009	.001	
Maximum	.10	.001	
Minimum	.04	.000	

Fourmile Creek (71.2 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	CFS per sq. mi.	Tons per Day
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total	0	0	0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

Missouri Flat Creek (27.5 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	CFS per sq. mi.	Tons per Day
1	0.01	.000	.000
2	.01	.000	.000
3	.01	.000	.000
4	.01	.000	.000
5	.01	.000	.000
6	.01	.000	.000
7	.01	.000	.000
8	.01	.000	.000
9	.01	.000	.000
10	.01	.000	.000
11	.01	.000	.000
12	.01	.000	.000
13	.01	.000	.000
14	.01	.000	.000
15	.01	.000	.000
16	.01	.000	.000
17	.01	.000	.000
18	.01	.000	.000
19	.01	.000	.000
20	.01	.000	.000
21	.01	.000	.000
22	.01	.000	.000
23	.01	.000	.000
24	.01	.000	.000
25	.01	.000	.000
26	.01	.000	.000
27	.01	.000	.000
28	.01	.000	.000
29	.01	.000	.000
30	.01	.000	.000
Total	0.010	.000	.000
Mean	0.010	.000	
Maximum	.01	.000	
Minimum	.01	.000	

October 1935

1	0.10	.001	0.02
2	.10	.001	.02
3	.12	.001	.02
4	.10	.001	.02
5	.1	.002	.02
6	.18	.002	.02
7	.30	.004	.02
8	.29	.004	.02
9	.32	.004	.03
10	.29	.004	.03
11	.30	.004	.03
12	.34	.004	.03
13	.40	.005	.04
14	.44	.005	.05
15	.48	.006	.06
16	.43	.005	.05
17	.43	.005	.04
18	.40	.005	.04
19	.42	.005	.04
20	.64	.008	.06
21	.61	.008	.05
22	.60	.007	.05
23	.60	.007	.05
24	.60	.007	.05
25	.60	.007	.05
26	.60	.007	.05
27	.56	.007	.05
28	.51	.006	.02
29	.51	.006	.03
30	.56	.007	.03
31	.51	.006	.03
Total			1.11
Mean	0.408	.005	
Maximum	.69	.008	
Minimum	.10	.001	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total	0	0	0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0.01	.000	.000
2	.01	.000	.000
3	.01	.000	.000
4	.01	.000	.000
5	.01	.000	.000
6	.01	.000	.000
7	.01	.000	.000
8	.01	.000	.000
9	.01	.000	.000
10	.01	.000	.000
11	.01	.000	.000
12	.01	.000	.000
13	.01	.000	.000
14	.01	.000	.000
15	.01	.000	.000
16	.01	.000	.000
17	.01	.000	.000
18	.01	.000	.000
19	.01	.000	.000
20	.01	.000	.000
21	.01	.000	.000
22	.01	.000	.000
23	.01	.000	.000
24	.01	.000	.000
25	.01	.000	.000
26	.01	.000	.000
27	.01	.000	.000
28	.01	.000	.000
29	.01	.000	.000
30	.01	.000	.000
31	.01	.000	.000
Total	0.010	.000	.000
Mean	0.010	.000	
Maximum	.01	.000	
Minimum	.01	.000	

Runoff and Suspended Matter

November 1935

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.60	.007	0.01
2	.56	.007	.01
3	.60	.007	.05
4	.60	.007	.05
5	.64	.008	.05
6	.74	.009	.06
7	.79	.010	.04
8	.94	.012	.05
9	.94	.012	.05
10	.79	.010	.04
11	.94	.012	.06
12	.99	.012	.06
13	.89	.011	.06
14	.79	.010	.06
15	.84	.010	.05
16	.99	.012	.05
17	.89	.011	.05
18	.79	.010	.05
19	.89	.011	.02
20	.94	.012	.02
21	.94	.012	.02
22	.84	.010	.02
23	.99	.012	.04
24	1.1	.014	.04
25	.94	.012	.03
26	.79	.010	.03
27	.79	.010	.05
28	.79	.010	.03
29	.74	.009	.02
30	.79	.010	.03
Total			1.18
Mean	0.822	.010	
Maximum	1.1	.014	
Minimum	.56	.007	

Fourmile Creek
(71.9 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	.10	.001	.003
13	.19	.003	.008
14	.26	.004	.02
15	.32	.004	.02
16	.34	.005	.02
17	.32	.004	.02
18	.25	.003	.01
19	.21	.003	.01
20	.22	.003	.01
21	.24	.003	.01
22	.26	.004	.01
23	.40	.006	.03
24	.54	.008	.04
25	.54	.008	.03
26	.46	.006	.02
27	.38	.005	.02
28	.34	.005	.009
29	.30	.004	.008
30	.30	.004	.008
Total			0.588
Mean	0.200	.003	
Maximum	.54	.008	
Minimum	0	0	

Missouri Flat Creek
(47.5 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.01	.000	0.001
2	.01	.000	.001
3	.01	.000	.001
4	.01	.000	.001
5	.02	.001	.002
6	.31	.006	.001
7	.01	.000	.001
8	.02	.001	.001
9	.09	.002	.001
10	.37	.008	.003
11	.44	.009	.003
12	.44	.009	.01
13	.06	.001	.008
14	.06	.001	.004
15	.06	.001	.004
16	.10	.002	.001
17	.06	.001	.001
18	.10	.002	.001
19	.09	.002	.001
20	.10	.002	.001
21	.07	.001	.001
22	.08	.002	.001
23	.10	.002	.001
24	.27	.006	.002
25	.20	.004	.001
26	.17	.004	.002
27	.14	.003	.002
28	.12	.002	.001
29	.11	.002	.001
30	.12	.002	.001
Total			
Mean	0.309	.003	
Maximum	.37	.008	
Minimum	.01	.000	

December 1935

1	0.89	.011	0.04
2	.89	.011	.04
3	.89	.011	.03
4	.89	.011	.03
5	.89	.011	.03
6	.89	.011	.03
7	1.0	.012	.04
8	1.2	.015	.05
9	1.2	.015	.06
10	1.2	.015	.06
11	1.2	.015	.06
12	2.6	.032	.3
13	2.2	.027	.4
14	2.2	.027	.4
15	1.6	.020	.2
16	1.3	.016	.2
17	1.1	.014	.2
18	.94	.012	.2
19	.89	.011	.1
20	.89	.011	.1
21	.84	.010	.05
22	.84	.010	.09
23	.79	.010	.07
24	.89	.011	.07
25	1.1	.014	.03
26	1.9	.023	.1
27	3.7	.046	1.0
28	6.9	.085	9.9
29	4.5	.055	4.6
30	3.1	.038	4.0
31	13.	.160	38
Total			60.48
Mean	2.01	.025	
Maximum	13	.160	
Minimum	.79	.010	

1	0.26	.004	0.007
2	.25	.003	.007
3	.26	.004	.01
4	.30	.004	.02
5	.34	.005	.02
6	.38	.005	.02
7	.50	.007	.02
8	.79	.011	.04
9	.74	.010	.04
10	.64	.009	.04
11	.69	.010	.04
12	1.4	.019	.2
13	1.3	.018	.2
14	.89	.012	.08
15	.56	.008	.05
16	.39	.005	.03
17	.32	.004	.03
18	.26	.004	.03
19	.26	.004	.03
20	.29	.004	.05
21	.32	.004	.05
22	.29	.004	.02
23	.26	.004	.02
24	.32	.004	.03
25	.64	.009	.05
26	1.4	.019	.09
27	2.3	.032	.2
28	3.1	.043	.8
29	2.4	.033	.9
30	2.5	.035	1.4
31	16.2	.225	76
Total			60.04
Mean	1.31	.018	
Maximum	16.2	.225	
Minimum	.25	.003	

1	0.11	.001	0.002
2	.10	.001	.002
3	.10	.001	.002
4	.11	.001	.002
5	.11	.001	.002
6	.11	.001	.002
7	.12	.001	.002
8	.28	.010	.05
9	.25	.009	.005
10	.25	.008	.005
11	.23	.008	.005
12	.4	.023	.2
13	.50	.018	.4
14	.23	.008	.01
15	.16	.006	.007
16	.11	.004	.003
17	.10	.004	.003
18	.06	.002	.002
19	.04	.001	.002
20	.03	.001	.001
21	.05	.001	.001
22	.03	.001	.001
23	.05	.001	.001
24	.04	.001	.002
25	.20	.007	.006
26	.57	.021	.2
27	.91	.033	.2
28	.81	.029	.2
29	.53	.019	.03
30	1.0	.036	.3
31	5.7	.207	3.0
Total			9.52
Mean	0.209	.003	
Maximum	5.7	.207	
Minimum	.03	.001	

Runoff and Suspended Matter

January 1936

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	10	.123	25
2	14	.542	350
3	23	.284	139
4	52	.641	575
5	132	1.53	1,960
6	11	.173	36
7	10	.123	6.0
8	7.5	.092	3.3
9	10	.123	10
10	39	.481	124
11	98	1.21	791
12	72	.888	504
13	143	1.76	1,890
14	43	.530	72
15	31	.382	27
16	20	.247	12
17	16	.197	13
18	11	.136	4.7
19	11	.136	3.9
20	17	.210	4.8
21	19	.234	8.4
22	17	.210	8.7
23	16	.197	7.9
24	14	.173	7.6
25	9.9	.122	4.7
26	7.4	.091	3.0
27	5.8	.072	1.8
28	5.0	.062	1.2
29	4.7	.058	2.1
30	4.4	.054	.6
31	4.2	.052	.5
Total			6,597.2
Mean	29.4	.362	
Maximum	143	1.76	
Minimum	4.2	.052	

Fourmile Creek
(71.9 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	8.1	.113	26
2	35	.487	250
3	15	.209	85
4	39	.542	480
5	87	1.21	1,490
6	12	.157	46
7	7.7	.107	8.3
8	4.7	.065	4.0
9	5.4	.075	3.5
10	33	.523	14.0
11	121	1.68	1,400
12	113	1.57	1,770
13	196	2.73	4,080
14	45	.626	60
15	41	.570	53
16	21	.292	21
17	19	.264	13
18	12	.167	4.7
19	12	.167	4.9
20	14	.195	3.3
21	23	.320	6.2
22	27	.373	30
23	30	.417	44
24	22	.306	22
25	9.6	.134	5.4
26	6.4	.089	2.4
27	5.7	.079	1.6
28	4.5	.062	1.3
29	3.6	.050	1.0
30	2.6	.036	.5
31	2.2	.031	.2
Total			10,057.3
Mean	31.8	.441	
Maximum	196	2.73	
Minimum	2.2	.031	

Missouri Flat Creek
(27.5 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	5.1	.185	12
2	19	.691	111
3	7.9	.287	64
4	31	1.13	396
5	45	1.64	685
6	3.7	.134	10
7	2.7	.098	3.8
8	1.7	.062	1.5
9	3.0	.109	2.7
10	15	.555	46
11	51	1.85	355
12	53	1.93	775
13	66	2.40	1,520
14	15	.545	24
15	12	.436	12
16	6.8	.247	6.5
17	5.0	.182	2.9
18	3.6	.131	1.9
19	3.4	.124	4.4
20	4.1	.149	.8
21	5.8	.211	1.4
22	5.9	.211	2.2
23	6.3	.229	3.8
24	5.2	.189	2.0
25	2.9	.105	.9
26	2.3	.084	.5
27	1.6	.066	.3
28	1.3	.047	.2
29	.99	.036	.1
30	.83	.030	.07
31	.78	.028	.07
Total			4,015.4
Mean	13.5	.488	
Maximum	66	2.40	
Minimum	.78	.028	

February 1936

1	3.9	.048	0.9
2	3.6	.044	.8
3	3.3	.041	.6
4	2.9	.036	.5
5	3.3	.041	.6
6	3.1	.038	.6
7	3.1	.038	.4
8	2.9	.036	.6
9	2.8	.034	.8
10	2.8	.034	.8
11	2.8	.034	.7
12	2.8	.034	.7
13	2.7	.033	.5
14	2.7	.033	.5
15	2.6	.032	.5
16	2.6	.032	.4
17	2.6	.032	.4
18	2.6	.032	.5
19	2.6	.032	.6
20	3.9	.048	.9
21	5.7	.073	1.3
22	8.2	.101	3.3
23	14	.173	3.8
24	17	.210	6.7
25	21	.259	9.9
26	22	.271	12
27	122	1.50	1,030
28	365	4.50	4,150
29	295	3.64	3,580
Total			8,810.3
Mean	32.1	.398	
Maximum	365	4.50	
Minimum	2.6	.032	

2.2	.031	0.3
2.2	.031	.3
2.2	.031	.3
2.2	.031	.3
2.2	.031	.2
2.3	.032	.2
2.2	.031	.2
2.2	.031	.2
2.2	.031	.2
2.3	.032	.2
2.4	.033	.2
2.5	.035	.2
2.5	.035	.2
2.2	.031	.2
2.0	.028	.2
1.9	.025	.1
1.8	.025	.1
1.8	.025	.1
2.0	.028	.2
2.2	.031	.2
2.1	.030	.2
3.0	.042	.3
13	.181	8.7
14	.195	6.5
14	.195	7.6
16	.222	5.1
135	1.83	966
450	6.26	5,130
406	5.65	7,610
		17,733.2
2.8	.035	
4.5	6.26	
1.8	.025	

0.73	.026	0.07
.73	.026	.07
.73	.026	.05
.73	.026	.05
.73	.026	.05
.73	.026	.05
.73	.026	.1
.73	.026	.1
.78	.028	.2
.99	.034	.2
1.0	.036	.05
1.2	.044	.06
1.1	.040	.06
.88	.032	.05
.68	.025	.04
.53	.019	.04
.48	.017	.03
.48	.017	.03
.48	.017	.03
.58	.021	.03
1.5	.053	.1
1.8	.065	.2
2.3	.084	.4
2.9	.105	.5
3.5	.127	.4
4.0	.145	.4
44	1.60	247
115	4.18	1,450
139	5.05	1,880
		3,200.36
11.3	.371	
139	5.05	
4.18	.017	

Runoff and Suspended Matter

March 1936

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	265	3.27	3,950
2	253	3.12	3,410
3	299	3.69	4,010
4	199	2.45	1,240
5	124	1.53	509
6	132	1.63	518
7	89	1.10	274
8	107	1.32	522
9	173	2.13	1,500
10	85	1.05	267
11	61	.752	81
12	65	.801	127
13	79	.974	137
14	61	.752	171
15	67	.826	121
16	53	.653	80
17	53	.653	64
18	42	.518	26
19	38	.468	18
20	38	.468	20
21	39	.481	31
22	28	.345	13
23	27	.333	7.9
24	24	.296	8.7
25	23	.284	12
26	20	.247	5.6
27	63	.777	876
28	65	.801	770
29	49	.604	120
30	42	.518	58
31	31	.382	61
Total			18,561.2
Mean	85.9	1.05	
Maximum	299	3.69	
Minimum	20	.247	

Fourmile Creek
(71.9 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
338	4.70		9,980
235	3.27		6,610
186	2.59		2,090
106	1.47		575
72	1.00		235
55	.752		110
44	.612		55
94	1.31		1,290
63	1.15		64.7
43	.826		172
38	.626		151
50	.696		226
49	.682		95
33	.459		61
73	1.32		1,730
51	.705		150
43	.658		117
29	.403		18
26	.362		15
24	.324		9.3
22	.300		7.8
14	.195		4.7
16	.222		4.6
18	.250		8.3
16	.222		11
13	.181		12
67	.922		2,520
47	.654		1,130
35	.487		57
29	.403		71
18	.250		69
63	.705		
43	.658		
29	.403		
26	.362		
24	.324		
22	.300		
14	.195		
16	.222		
18	.250		
16	.222		
13	.181		
67	.922		
47	.654		
35	.487		
29	.403		
18	.250		
Total			26,561.7
Mean	85.9	1.05	
Maximum	299	3.69	
Minimum	20	.247	

Missouri Flat Creek
(27.5 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
157	5.71		3,610
165	6.00		5,510
113	4.11		1,640
64	2.33		470
47	1.71		194
38	1.38		100
31	1.13		64
59	2.14		463
52	1.89		493
25	.909		35
20	.727		15
28	1.02		25
31	1.13		42
15	.545		20
34	1.24		185
20	.727		81
19	.691		63
11	.400		9.2
9.3	.338		6.4
8.5	.309		1.9
7.2	.282		1.7
4.6	.167		.8
5.9	.214		.9
5.7	.207		2.4
5.0	.182		3.4
4.1	.119		1.3
37	1.34		1,110
16	.582		281
15	.545		64
16	.582		61
6.8	.247		26
34.5	1.25		
165	6.00		
4.1	.119		
Total			11,500.0
Mean	85.9	1.05	
Maximum	299	3.69	
Minimum	20	.247	

April 1936

1	22	.271	17
2	29	.358	21
3	36	.444	56
4	38	.468	47
5	23	.284	27
6	21	.259	17
7	23	.284	19
8	25	.308	21
9	26	.320	24
10	28	.345	19
11	35	.432	39
12	41	.506	74
13	43	.530	68
14	40	.493	43
15	37	.456	27
16	34	.419	20
17	34	.419	21
18	33	.407	26
19	28	.345	11
20	24	.296	8.1
21	21	.259	5.3
22	20	.246	9.4
23	21	.259	7.9
24	21	.259	10
25	22	.271	18
26	18	.222	5.2
27	17	.210	3.8
28	16	.197	3.3
29	15	.185	3.5
30	14	.173	2.9
Total			641.9
Mean	25.8	.320	
Maximum	43	.530	
Minimum	14	.173	

14	.195	34
18	.250	36
29	.403	114
30	.417	125
17	.236	46
15	.209	31
15	.209	21
13	.181	12
12	.167	9.9
12	.167	7.4
13	.181	7.8
13	.181	9.2
12	.167	8.8
10	.139	5.4
9.0	.125	4.2
8.0	.111	3.8
7.3	.102	3.1
6.4	.089	2.6
5.6	.078	1.5
5.1	.071	1.4
4.8	.067	1.3
4.5	.062	1.2
5.7	.079	.8
5.1	.071	1.9
6.9	.096	2.4
5.1	.071	1.6
4.6	.064	1.5
3.9	.054	1.5
3.9	.054	2.9
3.9	.054	1.1
		509.3
25.4	.320	
43	.530	
14	.173	
3.9	.054	

5.6	.204	17
15	.545	63
19	.691	89
16	.582	44
6.3	.229	16
5.2	.189	8.2
5.0	.182	4.0
4.1	.149	1.3
3.6	.131	1.3
3.4	.124	.8
3.3	.120	.7
3.0	.109	.5
2.6	.094	.4
2.2	.080	.4
1.9	.069	.3
1.8	.065	.2
1.5	.054	.2
1.3	.047	.2
1.1	.040	.1
1.1	.040	.07
1.1	.040	.07
1.2	.044	.05
1.3	.047	.07
1.2	.044	.08
1.8	.065	.1
1.4	.051	.05
1.2	.044	.05
1.0	.036	.04
1.0	.036	.04
.88	.032	.04
		283.27
3.24	.122	
19	.691	
.88	.032	

May 1936

Mean Daily Discharge	Suspended Matter
CFS per sq. mi.	Tons per Day
0.94	0.05
1.1	.05
1.7	.1
1.3	.08
1.9	.9
2.2	.3
1.0	.08
.70	.1
.62	.08
.53	.05
.42	.03
.35	.02
.30	.02
.35	.02
.47	.03
.45	.03
.37	.01
.32	.01
.25	.009
.23	.01
.23	.01
.21	.01
.21	.01
.19	.009
.17	.008
.14	.007
.11	.005
.10	.005
.07	.007
.06	.006
.04	.004
0.549	2.360
2.2	.00
.1	.00

June 1936

.07	.002	0.002
.12	.004	.004
.25	.009	.01
.30	.011	.01
.19	.007	.008
<hr/>		
.19	.007	.008
.28	.010	.02
.92	.033	.06
.53	.019	.01
.28	.010	.008
<hr/>		
.16	.006	.03
.16	.006	.03
.16	.006	.03
.19	.007	.04
.16	.006	.01
<hr/>		
.14	.005	.01
.12	.004	.009
.08	.003	.009
.07	.002	.008
.03	.001	.004
.01	.000	.001
<hr/>		
0	0	0
0	0	0
0	0	0
0	0	0
<hr/>		
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
<hr/>		
.017	.005	.004
.92	.033	.06
0	.003	

Runoff and Suspended Matter

July 1936

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	cfs per sq. mi.	
1	0.29	.004	0.05
2	.32	.004	.06
3	.26	.003	.06
4	.19	.002	.04
5	.19	.002	.05
6	.15	.002	.04
7	.16	.002	.04
8	.19	.002	.04
9	.23	.003	.05
10	.29	.004	.06
11	.43	.005	.1
12	.39	.005	.09
13	.26	.003	.06
14	.16	.002	.04
15	.18	.002	.04
16	.28	.003	.05
17	.42	.005	.05
18	.18	.002	.05
19	.05	.001	.01
20	.03	.000	.01
21	.02	.000	.01
22	.02	.000	.01
23	.01	.000	.01
24	.01	.000	.01
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			1.03
Mean	0.152	.002	
Maximum	.43	.005	
Minimum	0	0	

Fourmile Creek
(11.9 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	cfs per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

Missouri Flat Creek
(27.5 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	cfs per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

August 1936

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

Runoff and Suspended Matter

September 1936

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	.01	.000	.001
8	0	0	0
9	0	0	0
10	.01	.000	.002
11	.01	.000	.001
12	.01	.000	.003
13	.02	.000	.003
14	.06	.001	.008
15	.04	.000	.005
16	.04	.000	.004
17	.03	.000	.004
18	.02	.000	.002
19	.02	.000	.000
20	.02	.000	.000
21	.02	.000	.000
22	.02	.000	.005
23	.01	.000	.001
24	.01	.000	.003
25	.01	.000	.003
26	.01	.000	.003
27	.02	.000	.003
28	.04	.000	.003
29	.04	.000	.003
30	.02	.000	.003
Total			0.050
Mean	0.016	.000	
Maximum	.06	.001	
Minimum	0	0	

Fourmile Creek (71.2 square miles)		
Date	Mean Daily Discharge	
	CFS	CFS per sq. mi.
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	0
30	0	0
Total		0
Mean	0	0
Maximum	0	0
Minimum	0	0

Missouri Flat Creek (27.5 square miles)		
Date	Mean Daily Discharge	
	CFS	CFS per sq. mi.
1	0	0
2	.01	.000
3	0	0
4	0	0
5	0	0
6	0	0
7	.01	.000
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	0
30	0	0
Total		0.002
Mean	0.001	.000
Maximum	.01	.000
Minimum	0	0

October 1936

1	0.03	.000	.000
2	.04	.000	.01
3	.04	.000	.01
4	.04	.000	.01
5	.07	.001	.01
6	.14	.002	.03
7	.12	.001	.03
8	.12	.001	.03
9	.14	.002	.03
10	.16	.002	.03
11	.18	.002	.04
12	.18	.002	.04
13	.20	.002	.04
14	.19	.002	.04
15	.19	.002	.05
16	.20	.002	.05
17	.22	.003	.06
18	.22	.003	.06
19	.24	.003	.06
20	.24	.003	.06
21	.22	.003	.06
22	.30	.004	.08
23	.29	.004	.08
24	.28	.003	.07
25	.29	.004	.08
26	.30	.004	.08
27	.28	.003	.07
28	.24	.003	.06
29	.29	.004	.08
30	.19	.002	.04
31	.17	.002	.03
Total			1.12
Mean	0.187	.002	
Maximum	.30	.004	
Minimum	.03	.000	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0.01	.000	.000
2	.01	.000	.000
3	.01	.000	.000
4	.01	.000	.000
5	.01	.000	.000
6	.01	.000	.000
7	.01	.000	.000
8	.01	.000	.000
9	.01	.000	.000
10	.01	.000	.000
11	.01	.000	.000
12	.01	.000	.000
13	.01	.000	.000
14	.01	.000	.000
15	.01	.000	.000
16	.01	.000	.000
17	.01	.000	.000
18	.01	.000	.000
19	.01	.000	.000
20	.01	.000	.000
21	.01	.000	.000
22	.01	.000	.000
23	.01	.000	.000
24	.01	.000	.000
25	.01	.000	.000
26	.01	.000	.000
27	.01	.000	.000
28	.01	.000	.000
29	.01	.000	.000
30	.01	.000	.000
31	.01	.000	.000
Total			.000
Mean	0.010	.000	
Maximum	.01	.000	
Minimum	.01	.000	

Runoff and Suspended Matter

November 1936

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.29	.004	0.06
2	.25	.003	.05
3	.26	.003	.05
4	.37	.004	.05
5	.44	.005	.06
6	.42	.005	.05
7	.32	.004	.05
8	.32	.004	.05
9	.32	.004	.05
10	.29	.004	.05
11	.32	.004	.05
12	.32	.004	.05
13	.36	.004	.08
14	.32	.004	.06
15	.32	.004	.06
16	.36	.004	.07
17	.39	.005	.08
18	.36	.004	.07
19	.36	.004	.07
20	.32	.004	.06
21	.32	.004	.06
22	.32	.004	.06
23	.32	.004	.06
24	.32	.004	.06
25	.32	.004	.06
26	.32	.004	.06
27	.32	.004	.06
28	.32	.004	.06
29	.32	.004	.06
30	.32	.004	.06
Total			1.77
Mean	0.320	.004	
Maximum	.44	.005	
Minimum	.25	.003	

Pourmile Creek
(71.9 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	.03	.000	.000
28	.02	.000	.02
29	.04	.000	.01
30	.03	.000	.01
Total			0.01
Mean	0.004	.000	
Maximum	.04	.000	
Minimum	0	.000	

Missouri Flat Creek
(27.5 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.01	.000	.000
2	.01	.000	.000
3	.01	.000	.000
4	.01	.000	.000
5	.01	.000	.000
6	.03	.001	.000
7	.03	.001	.000
8	.01	.000	.000
9	.01	.000	.000
10	.01	.000	.000
11	.01	.000	.000
12	.01	.000	.000
13	.01	.000	.000
14	.01	.000	.000
15	.01	.000	.000
16	.01	.000	.000
17	.01	.000	.000
18	.01	.000	.000
19	.01	.000	.000
20	.01	.000	.000
21	.01	.000	.000
22	0	0	0
23	.01	.000	.000
24	.01	.000	.000
25	.01	.000	.000
26	.01	.000	.000
27	0	0	0
28	.01	.000	.000
29	.01	.000	.000
30	.01	.000	.000
Total			0.000
Mean	0.011	.000	
Maximum	.03	.001	
Minimum	0	.000	

December 1936

1	0.32	.004	0.05
2	.29	.004	.05
3	.26	.003	.04
4	.32	.004	.04
5	.43	.005	.06
6	1.2	.015	.2
7	1.8	.022	.2
8	1.3	.016	.2
9	1.5	.018	.3
10	1.2	.015	.2
11	.84	.010	.1
12	.74	.009	.1
13	.74	.009	.1
14	.74	.009	.1
15	.74	.009	.1
16	.65	.008	.09
17	.74	.009	.04
18	.89	.011	.05
19	.84	.010	.05
20	.79	.010	.04
21	.84	.012	.07
22	1.2	.015	.09
23	1.0	.012	.07
24	1.8	.022	.2
25	1.7	.021	.2
26	1.4	.017	.2
27	1.1	.014	.09
28	1.0	.012	.06
29	.84	.010	.05
30	.74	.009	.05
31	.69	.008	.07
Total			3.55
Mean	0.927	.011	
Maximum	1.8	.022	
Minimum	.26	.003	

1	0.02	.000	0.01
2	.02	.000	.01
3	.02	.000	.01
4	.06	.001	.02
5	.12	.002	.04
6	.31	.004	.09
7	1.2	.017	.3
8	1.0	.014	.3
9	.85	.012	.2
10	.51	.007	.1
11	.26	.004	.06
12	.20	.003	.04
13	.29	.004	.06
14	.47	.006	.1
15	.51	.007	.1
16	.36	.005	.08
17	.39	.005	.08
18	.56	.008	.1
19	.64	.009	.1
20	.43	.006	.09
21	.39	.005	.08
22	.51	.007	.1
23	.74	.010	.2
24	1.2	.017	.3
25	1.2	.017	.3
26	.74	.010	.2
27	.60	.008	.2
28	.47	.006	.1
29	.39	.005	.1
30	.29	.004	.05
31	.23	.003	.04
Total			3.56
Mean	0.483	.007	
Maximum	1.2	.017	
Minimum	.02	.000	

1	0.01	.000	.000
2	.01	.000	.000
3	.01	.000	.000
4	.02	.001	.000
5	.02	.001	.000
6	.08	.003	.02
7	.20	.007	.05
8	.08	.003	.02
9	.11	.004	.03
10	.04	.001	.01
11	.03	.001	.01
12	.02	.001	.000
13	.03	.001	.000
14	.03	.001	.000
15	.03	.001	.000
16	.03	.001	.000
17	.08	.003	.01
18	.15	.005	.01
19	.13	.005	.01
20	.19	.007	.01
21	.15	.005	.01
22	.21	.008	.06
23	.16	.006	.01
24	.47	.017	.2
25	.45	.016	.04
26	.23	.008	.02
27	.16	.006	.01
28	.14	.005	.01
29	.14	.005	.01
30	.08	.003	.000
31	.04	.001	.000
Total			0.22
Mean	0.114	.001	
Maximum	.47	.017	
Minimum	.01	.000	

January 1937

[illegible]

February 1937

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
.01	.000	.000
.05	.002	.000
.10	.004	.000
.14	.005	.01
.10	.004	.000
.10	.004	.000
.08	.003	.01
.58	.021	.02
4.9	.179	.7
6.5	.236	.3
7.8	.284	1.7
6.7	.241	1.4
5.0	.218	1.3
5.6	.204	2.8
5.7	.207	2.3
		11.24
1.58	.054	
7.8	.241	
0	0	

Runoff and Suspended Matter

March 1937

South Fork Palouse River
(61.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	54	.666	88
2	158	1.95	534
3	163	2.01	871
4	188	2.32	1,410
5	144	1.78	990
6	139	1.71	1,090
7	125	1.54	627
8	117	1.43	431
9	127	1.56	537
10	214	2.64	1,550
11	214	2.64	1,550
12	196	2.42	1,470
13	179	2.21	1,430
14	103	1.27	247
15	94	1.16	157
16	134	1.90	625
17	104	1.28	180
18	112	1.75	406
19	66	.814	101
20	58	.715	77
21	50	.615	57
22	41	.506	22
23	44	.542	24
24	44	.542	43
25	41	.506	29
26	37	.456	17
27	37	.456	22
28	34	.419	16
29	32	.394	10
30	38	.468	20
31	61	.752	56
Total			11,547
Mean	103	1.27	
Maximum	214	2.64	
Minimum	32	.394	

Fourmile Creek
(71.9 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
59	.821		267
263	3.66		2,210
321	4.46		2,850
277	3.85		3,950
174	2.42		1,420
208	2.99		3,580
134	1.86		1,120
115	1.60		805
119	1.66		813
155	2.16		1,370
155	2.16		1,370
152	2.11		1,530
99	1.38		405
75	1.04		140
83	1.15		348
130	1.81		699
85	1.18		257
118	1.64		488
48	.668		71
52	.723		110
40	.506		53
34	.473		15
37	.515		18
34	.473		18
34	.473		30
31	.431		15
31	.431		18
30	.417		13
28	.389		13
36	.501		13
46	.640		41
Total			27,530
Mean	113		
Maximum	321		
Minimum	28		

Missouri Flat Creek
(27.5 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
13	.473		6.7
78	2.84		166
79	2.87		194
68	2.47		410
51	1.85		186
110	4.00		1,813
78	2.84		689
76	2.76		700
73	2.65		751
111	4.04		2,360
94	3.42		1,190
51	1.85		179
40	1.45		61
47	1.71		232
64	2.33		237
38	1.38		150
56	2.04		220
24	.873		34
26	.945		56
28	.889		30
17	.618		8.0
21	.764		11
15	.545		5.9
11	.536		6.3
12	.435		4.7
11	.400		4.4
9.5	.345		3.2
8.2	.298		2.4
14	.509		2.8
19	.691		13
Total			10,534.1
Mean	1.67		
Maximum	4.04		
Minimum	8.2		

April 1937

1	92	1.13	184
2	72	.888	75
3	50	.616	24
4	52	.641	60
5	64	.789	98
6	69	.851	58
7	46	.567	23
8	33	.407	9.2
9	59	.727	104
10	99	1.22	230
11	56	.690	48
12	32	.394	14
13	115	1.42	1,530
14	133	1.64	1,010
15	348	4.29	3,980
16	159	1.96	544
17	96	1.18	153
18	67	.826	59
19	55	.678	36
20	83	1.02	715
21	166	2.05	2,000
22	76	.937	95
23	53	.653	43
24	46	.567	31
25	39	.481	27
26	33	.407	14
27	30	.370	7.9
28	36	.444	7.2
29	41	.506	12
30	27	.333	4.3
Total			11,255.5
Mean	77.6	.857	
Maximum	343	4.29	
Minimum	27	.333	

95	1.32		336
57	.793		89
39	.542		21
66	.918		424
71	.988		430
68	.846		128
36	.501		18
29	.403		9.8
49	.682		69
58	.807		101
42	.584		33
28	.389		7.8
137	1.90		4,520
113	1.57		955
236	3.28		4,650
77	1.07		103
50	.696		28
38	.528		14
28	.389		6.6
64	.890		824
58	1.22		957
39	.542		38
27	.376		6.4
22	.306		4.0
19	.264		4.2
16	.222		2.6
14	.195		2.6
19	.264		4.3
22	.306		2.9
14	.195		1.6
Total			17,800.3
Mean	77.1		
Maximum	236		
Minimum	14		

40	1.45		101
21	.764		10
11	.599		1.0
28	1.02		170
23	.846		61
24	.793		35
11	.400		3.8
7.8	.294		1.6
18	.654		50
19	.691		42
15	.582		26
7.5	.273		2.1
60	2.18		1,660
50	1.82		442
130	4.73		2,760
28	1.02		19
20	.727		6.7
14	.509		2.5
9.0	.327		1.2
37	1.34		560
32	1.16		35
15	.545		5.0
8.2	.298		1.3
6.2	.225		1.3
4.9	.178		.8
3.7	.134		.2
3.1	.113		.3
5.3	.193		.5
6.8	.247		1.4
3.4	.124		.4
Total			6,241.1
Mean	.807		
Maximum	4.73		
Minimum	2.1		

Runoff and Suspended Matter

May 1937

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	22	.271	4.7
2	20	.247	4.3
3	19	.234	4.1
4	18	.222	3.4
5	18	.222	3.4
6	17	.210	2.6
7	15	.185	2.3
8	13	.160	2.0
9	13	.160	2.1
10	13	.160	2.3
11	17	.210	2.5
12	14	.173	2.2
13	13	.160	1.8
14	12	.148	1.7
15	11	.136	1.3
16	10	.123	1.2
17	8.6	.106	.9
18	8.4	.104	.9
19	7.6	.094	.8
20	7.0	.086	.8
21	6.1	.075	.7
22	5.7	.070	.6
23	5.5	.068	.6
24	5.4	.066	.6
25	5.2	.064	.6
26	5.1	.063	.5
27	4.7	.058	.5
28	4.4	.054	.5
29	4.3	.053	.5
30	4.1	.050	.4
31	3.7	.046	.4
Total			51.1
Mean	10.7	.132	
Maximum	22	.271	
Minimum	3.7	.046	

Pourmile Creek
(71.9 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
10		.139	1.1
8.2	.114	.9	
6.8	.094	.7	
5.6	.078	.6	
5.1	.071	.5	
4.9	.068	.5	
4.3	.060	1.2	
3.8	.053	.4	
3.6	.050	.9	
3.9	.054	.2	
6.2	.066	.6	
4.6	.064	.4	
3.8	.053	.4	
3.6	.050	.3	
2.6	.036	.3	
2.4	.033	.3	
2.1	.029	.3	
1.9	.026	.2	
1.7	.024	.2	
1.4	.019	.2	
1.3	.018	.5	
1.3	.018	.3	
1.1	.015	.09	
1.1	.015	.2	
1.0	.014	.08	
.99	.014	.1	
.89	.012	.1	
.79	.011	.1	
.74	.010	.09	
.69	.009	.06	
.64	.009	.06	
Total			11.58
Mean	1.13	.014	
Maximum	10	.139	
Minimum	.64	.009	

Missouri Flat Creek
(27.5 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
2.4	.087	0.04	
1.7	.062	.03	
1.4	.051	.02	
1.1	.040	.02	
1.0	.036	.03	
.99	.036	.03	
.93	.034	.02	
.82	.030	.02	
.72	.026	.02	
.64	.024	.03	
1.4	.051	.05	
1.1	.040	.04	
.99	.036	.02	
.77	.028	.03	
.72	.026	.03	
.53	.019	.02	
.48	.017	.02	
.50	.018	.02	
.42	.015	.02	
.35	.013	.01	
.32	.012	.01	
.30	.011	.01	
.39	.014	.02	
.28	.010	.01	
.28	.010	.000	
.25	.009	.01	
.21	.008	.01	
.17	.006	.01	
.17	.006	.01	
.17	.006	.01	
.14	.005	.01	
Total			0.63
Mean	0.43	.005	
Maximum	2.4	.087	
Minimum	.14	.005	

June 1937

1	3.3	.041	0.4
2	3.0	.037	.4
3	2.5	.031	.3
4	2.2	.027	.3
5	2.1	.026	.3
6	2.1	.026	.3
7	2.0	.025	.3
8	1.8	.022	.2
9	3.0	.037	.4
10	6.0	.071	1.9
11	5.8	.072	1.3
12	3.8	.047	.8
13	2.5	.031	.6
14	2.1	.026	.5
15	2.0	.025	.6
16	2.2	.027	.5
17	3.3	.041	.8
18	3.3	.041	.8
19	4.1	.050	1.4
20	8.1	.100	2.8
21	13	.160	251
22	5.7	.070	13
23	9.2	.113	22
24	5.3	.065	6.8
25	3.3	.041	2.3
26	2.5	.031	2.2
27	2.2	.027	1.7
28	1.9	.023	1.1
29	1.6	.020	.9
30	1.5	.018	.8
Total			247.2
Mean	3.71	.036	
Maximum	13	.160	
Minimum	1.5	.018	

0.51	.007	0.1
.43	.006	.09
.34	.005	.04
.28	.004	.03
.22	.006	.04
.18	.002	.03
.18	.002	.08
.18	.002	.03
.30	.004	.06
2.7	.038	.3
4.9	.068	1.4
2.3	.032	.6
1.2	.017	.7
.79	.011	.4
.64	.009	.2
.89	.012	.3
1.3	.018	.5
1.8	.025	.8
2.8	.039	1.3
6.0	.083	3.2
5.0	.070	8.8
.7	.065	7.3
6.6	.092	13
3.9	.054	3.9
1.7	.022	1.1
1.1	.015	1.1
.84	.012	.7
.60	.008	.3
.43	.006	.3
.32	.004	.2
		47.00
1.77	.025	
6.6	.092	
.18	.002	

0.11	.004	0.01
.10	.004	.01
.07	.002	.000
.04	.001	.000
.04	.002	.000
.03	.001	.000
.04	.001	.000
.05	.002	.000
.53	.019	.06
1.3	.045	1.0
1.9	.049	25
.56	.020	11
.30	.011	.7
.25	.009	.5
.28	.010	.3
.63	.023	.4
.59	.021	.5
.99	.036	1.0
.79	.029	7.3
2.8	.102	20
1.5	.044	1.6
4.4	.130	19
3.4	.124	7.1
.99	.036	.4
.72	.026	.2
.48	.017	.1
.35	.013	.07
.25	.009	.04
.17	.006	.02
.16	.006	.02
		57.33
0.811	.020	
4.4	.130	
.03	.001	

Runoff and Suspended Matter

July 1937

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	1.3	.016	0.7
2	1.6	.020	.9
3	1.0	.012	.5
4	.89	.011	.4
5	.84	.010	.3
6	.74	.009	.3
7	.64	.008	.2
8	.60	.007	.2
9	.56	.007	.2
10	.51	.006	.1
11	.43	.005	.1
12	.43	.005	.1
13	.36	.004	.08
14	.39	.005	.08
15	.36	.004	.07
16	.39	.005	.07
17	.43	.005	.07
18	.29	.004	.05
19	.16	.002	.02
20	.10	.001	.01
21	.06	.001	.01
22	.04	.000	.01
23	.03	.000	.000
24	.02	.000	.000
25	.02	.000	.000
26	.02	.000	.000
27	.01	.000	.000
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			4.47
Mean			0.394
Maximum			1.6
Minimum			0

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.32	.004	0.1
2	.23	.003	.09
3	.23	.003	.06
4	.20	.003	.06
5	.12	.002	.02
6	.08	.001	.01
7	.08	.001	.01
8	.04	.000	.000
9	.04	.000	.01
10	.02	.000	.000
11	.32	.004	.000
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0.36
Mean			0.015
Maximum			.32
Minimum			0

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.17	.006	0.01
2	.12	.004	.01
3	.10	.004	.01
4	.08	.003	.000
5	.04	.001	.000
6	.03	.001	.000
7	.02	.001	.000
8	.03	.001	.000
9	.03	.001	.000
10	.03	.001	.000
11	.02	.001	.000
12	.01	.000	.000
13	.02	.001	.000
14	.02	.001	.000
15	.02	.001	.000
16	.02	.001	.000
17	.01	.000	.000
18	.02	.001	.000
19	.01	.000	.000
20	.01	.000	.000
21	.01	.000	.000
22	.01	.000	.000
23	.01	.000	.000
24	.01	.000	.000
25	.01	.000	.000
26	.01	.000	.000
27	.02	.001	.000
28	.02	.001	.000
29	.02	.001	.000
30	.02	.001	.000
31	.02	.001	.000
Total			0.33
Mean			0.011
Maximum			.17
Minimum			.01

August 1937

1	0.02	.000	.000
2	.05	.001	.000
3	.04	.000	.000
4	.02	.000	.000
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0.000
Mean			0.0004
Maximum			.05
Minimum			0

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean			0
Maximum			0
Minimum			0

1	0.02	.001	.000
2	.02	.001	.000
3	.02	.001	.000
4	.01	.000	.000
5	.01	.000	.000
6	.02	.001	.000
7	.02	.001	.000
8	.02	.001	.000
9	.02	.001	.000
10	.01	.000	.000
11	.01	.000	.000
12	.01	.000	.000
13	.01	.000	.000
14	.01	.000	.000
15	.01	.000	.000
16	.01	.000	.000
17	.01	.000	.000
18	.01	.000	.000
19	.01	.000	.000
20	.01	.000	.000
21	.01	.000	.000
22	.01	.000	.000
23	.01	.000	.000
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0.000
Mean			0.010
Maximum			.02
Minimum			0

Runoff and Suspended Matter

September 1937

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	.17	.002	.01
24	.20	.002	.02
25	.12	.001	.01
26	.08	.001	.000
27	.08	.001	.000
28	.08	.001	.000
29	.12	.001	.01
30	.17	.002	.02
Total			0.37
Mean	0.024	.000	
Maximum	.20	.002	
Minimum	0	0	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total			0
Mean	0		
Maximum	0		
Minimum	0		

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	.01	.000	.000
24	.01	.000	.000
25	.02	.001	.000
26	.01	.000	.000
27	.01	.000	.000
28	.01	.000	.000
29	.01	.000	.000
30	.01	.000	.000
Total			0.000
Mean	.003	.000	
Maximum	.02	.001	
Minimum	0	0	

October 1937

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.22	.003	0.01
2	.22	.003	.01
3	.48	.006	.05
4	.46	.006	.03
5	.42	.005	.03
6	.41	.005	.03
7	.43	.005	.03
8	.39	.005	.03
9	.32	.004	.02
10	.29	.004	.02
11	.32	.004	.02
12	.96	.012	.1
13	3.2	.039	.9
14	1.3	.016	.3
15	.69	.003	.1
16	.51	.006	.08
17	.56	.007	.06
18	.51	.006	.04
19	.43	.005	.04
20	.47	.006	.04
21	.71	.009	.06
22	1.5	.018	.2
23	.79	.010	.1
24	.60	.007	.08
25	.56	.007	.07
26	.47	.006	.06
27	.43	.005	.06
28	.43	.005	.06
29	.47	.006	.06
30	.56	.007	.07
31	.64	.008	.08
Total			2.31
Mean	0.637	.008	
Maximum	3.2	.039	
Minimum	.22	.003	

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0		
Maximum	0		
Minimum	0		

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.01	.000	.000
2	.01	.000	.001
3	.01	.000	.000
4	.01	.000	.000
5	.01	.000	.000
6	.01	.000	.000
7	.01	.000	.000
8	.01	.000	.000
9	.01	.000	.000
10	.01	.000	.000
11	.01	.000	.000
12	.01	.000	.001
13	.01	.000	.001
14	.02	.001	.001
15	.02	.001	.001
16	.01	.000	.001
17	.01	.000	.001
18	.01	.000	.000
19	.01	.000	.000
20	.01	.000	.000
21	0	0	0
22	.01	.000	.000
23	.01	.000	.000
24	.01	.000	.000
25	.01	.000	.001
26	.01	.000	.001
27	.01	.000	.001
28	.01	.000	.001
29	.01	.000	.001
30	.04	.001	.003
31	.02	.001	.002
Total			0.017
Mean	0.012	.000	
Maximum	.04	.001	
Minimum	0	0	

November 1937

Missouri Flat Creek (27.5 square miles)		
Mean Daily Discharge		Suspended Matter
CFS	CFS per sq. mi.	Tons per Day
0.02	.001	0.002
.01	.000	.001
.01	.000	.001
.01	.000	.001
.02	.001	.002
.01	.000	.001
.01	.000	.001
.11	.004	.006
.04	.001	.005
.02	.001	.001
.37	.002	.51
.10	.004	.02
.20	.007	.04
.10	.004	.02
.06	.002	.02
.04	.001	.002
.03	.001	.002
.03	.001	.001
.04	.001	.001
.13	.005	.006
.10	.002	.02
.07	.002	.02
.11	.004	.008
.22	.003	.03
.08	.017	.2
.59	.011	.1
.60	.022	.07
.91	.033	.3
.50	.013	.09
.32	.012	.02
0.155	.007	0.009
.04	.003	
.01	.000	

December 1937

0.23	.008	0.007
.17	.006	.01
.16	.006	.008
.14	.005	.01
.12	.004	.003
.12	.004	.003
.10	.004	.002
.10	.004	.002
.62	.022	.3
2.8	.132	2.6
2.2	.066	1.1
1.1	.040	1.8
.77	.028	.8
.64	.023	.5
.88	.052	.8
2.3	.084	3.1
2.3	.084	2.2
1.2	.041	1.5
.74	.027	1.1
.61	.022	.5
.56	.020	.3
.45	.016	.3
.37	.013	.2
.32	.012	.1
.46	.017	.1
.84	.030	.1
4.0	.115	1.4
7.8	.284	5.9
36	1.31	14
14	.509	19
2.65	.010	157.78
36	1.31	
.10	.004	

Runoff and Suspended Matter

January 1938

South Fork of Palouse River (81.1 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	CFS per sq. mi.	Tons per Day
1	17	.210	12
2	14	.173	8.6
3	9.9	.122	3.4
4	7.6	.094	3.2
5	5.4	.066	1.7
6	5.0	.062	1.5
7	4.7	.058	1.3
8	4.2	.052	1.1
9	4.0	.049	1.0
10	6.6	.081	3.5
11	13	.159	9.1
12	10	.123	7.0
13	14	.173	21
14	49	.604	415
15	94	1.16	915
16	58	.715	156
17	48	.592	90
18	44	.546	46
19	56	.690	198
20	31	.382	31
21	51	.629	56
22	106	1.31	504
23	74	.912	202
24	34	.419	24
25	24	.296	14
26	15	.185	6.8
27	13	.160	5.2
28	17	.210	8.5
29	18	.222	13
30	9.7	.120	6.1
31	12	.148	4.8
Total			3,110.1
Mean	27.9	.344	
Maximum	106	1.31	
Minimum	4.0	.049	

1	14	.173	4.2
2	32	.394	37
3	42	.518	80
4	32	.394	41
5	25	.308	1.5
6	22	.271	1.1
7	23	.284	1.0
8	26	.320	1.3
9	20	.247	11
10	38	.468	39
11	61	.752	108
12	61	.752	220
13	48	.592	21
14	56	.690	63
15	52	.641	53
16	44	.546	28
17	32	.394	13
18	30	.370	16
19	29	.358	13
20	26	.320	12
21	32	.394	15
22	58	.715	108
23	92	1.13	229
24	105	1.29	238
25	90	1.11	193
26	89	1.10	155
27	91	1.12	130
28	95	1.17	93
Total			1,371.1
Mean	48.6	.599	
Maximum	105	1.29	
Minimum	14	.173	

Fourmile Creek (71.9 square miles)		
Mean Daily Discharge		Suspended Matter
CFS	CFS per sq. mi.	Tons per Day
24	.334	30
15	.209	26
11	.153	6.3
8.7	.121	4.3
6.3	.088	3.6
4.9	.062	1.7
4.4	.061	1.4
3.6	.050	1.1
3.4	.047	.8
15	.209	38
17	.236	50
9.9	.138	14
20	.278	33
101	1.40	1,040
95	1.32	661
48	.668	144
46	.640	55
44	.612	68
57	.793	119
30	.417	38
65	1.18	311
123	1.71	1,720
43	.598	73
24	.334	20
22	.306	17
18	.250	11
23	.320	14
26	.362	14
22	.306	28
6.5	.090	5.2
10	.139	5.8
31.2	.434	1,501.2
125	1.74	
3.4	.047	

February 1938

15	.209	6.6
87	1.21	510
70	.974	294
44	.612	127
36	.501	52
30	.417	35
43	.598	55
38	.528	43
29	.403	30
158	2.20	1,630
50	1.11	272
64	.890	419
46	.640	89
99	1.38	298
86	1.20	230
50	.696	46
42	.584	21
38	.528	19
37	.515	24
38	.528	27
65	.912	117
103	1.43	972
104	1.45	328
89	1.24	144
72	1.00	134
68	.946	86
64	.890	52
61	.843	60
58.7	.812	6,121.6
158	2.20	
15	.209	

Missouri Flat Creek (27.5 square miles)		
Mean Daily Discharge		Suspended Matter
CFS	CFS per sq. mi.	Tons per Day
6.5	.236	4.7
4.6	.167	2.6
3.3	.120	1.7
2.3	.084	1.2
1.6	.058	.7
1.3	.047	.5
1.2	.044	.4
1.0	.036	.3
.98	.036	.2
5.4	.196	7.5
7.8	.284	22
4.5	.164	5.4
6.3	.229	6.1
40	1.45	312
47	1.71	252
24	.873	43
23	.836	37
22	.800	35
23	.836	50
12	.436	13
34	1.21	34
52	1.89	465
18	.654	23
8.4	.305	6.1
7.0	.254	4.1
5.6	.204	3.8
7.1	.258	4.4
9.3	.338	10
7.2	.262	9.7
3.4	.124	2.6
3.2	.116	1.8
22.7	1.82	1,732.8
22	1.82	
.98	.036	

4.6	.167	2.2
29	1.05	75
25	.909	70
17	.618	28
13	.473	14
9.4	.342	3.2
13	.473	12
14	.509	14
11	.400	8.4
43	1.56	228
38	1.38	115
27	.982	109
20	.727	31
33	1.20	41
29	1.05	26
19	.694	13
13	.473	6.6
12	.436	6.8
13	.473	5.6
13	.473	5.0
24	.843	11
43	1.56	209
48	1.74	111
43	1.56	60
34	1.24	64
32	1.16	38
32	1.16	26
30	1.09	21
21.2	.880	1,572.8
18	1.82	
4.6	.167	

Runoff and Suspended Matter

March 1938

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	121	1.49	516
2	119	1.47	348
3	137	1.69	474
4	95	1.17	127
5	99	1.22	183
6	91	1.12	100
7	68	.838	52
8	59	.727	39
9	52	.641	27
10	50	.616	32
11	45	.555	22
12	52	.641	38
13	52	.641	29
14	46	.567	20
15	70	.863	94
16	117	1.44	338
17	75	.925	75
18	111	1.37	630
19	209	2.58	1,100
20	123	1.52	393
21	99	1.22	143
22	78	.962	75
23	99	1.22	169
24	113	1.39	258
25	115	1.42	180
26	77	.949	55
27	68	.838	45
28	56	.690	38
29	51	.629	28
30	48	.592	23
31	43	.530	17
Mean	85.1	1.35	5,728
Maximum	209	2.58	
Minimum	43	.530	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
78	1.08	1.93	
78	1.08	1.38	
119	1.66	700	
64	.890	55	
126	1.75	961	
80	1.11	171	
60	.835	52	
48	.668	26	
47	.654	36	
47	.654	43	
41	.570	19	
48	.668	30	
48	.668	27	
38	.528	22	
101	1.40	707	
142	1.97	1,120	
67	.932	54	
91	1.26	691	
274	3.81	2,900	
136	1.89	606	
109	1.52	312	
78	1.08	121	
133	1.85	966	
107	1.49	283	
94	1.31	164	
78	1.08	64	
70	.974	44	
66	.918	69	
44	.612	42	
41	.570	17	
38	.528	17	
Mean	85.6	1.46	10,653
Maximum	274	3.81	
Minimum	38	.528	

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
38	1.38	75	
37	1.34	55	
46	1.67	138	
24	.873	13	
45	1.64	124	
26	1.32	23	
20	.727	9.9	
16	.582	6.1	
17	.613	7.1	
17	.613	11	
13	.473	4.7	
17	.618	9.0	
16	.582	5.7	
13	.473	9.0	
36	1.31	120	
50	1.82	237	
23	.836	21	
46	1.67	244	
122	4.44	1,360	
48	1.74	159	
39	1.22	59	
27	.932	21	
56	2.04	268	
40	1.45	62	
29	1.05	22	
24	.873	12	
22	.800	8.8	
20	.727	9.5	
12	.436	4.9	
11	.400	4.6	
10	.364	3.3	
Mean	31.0	1.13	3,161.9
Maximum	122	4.44	
Minimum	10	.364	

April 1938

1	38	.468	14
2	36	.444	13
3	33	.407	9.7
4	72	.888	224
5	70	.863	153
6	44	.542	22
7	36	.444	13
8	33	.407	11
9	33	.407	9.0
10	25	.308	6.5
11	22	.271	6.5
12	29	.358	11
13	32	.394	8.6
14	27	.333	6.4
15	25	.308	4.0
16	34	.419	16
17	65	.801	86
18	80	.986	133
19	58	.715	45
20	46	.567	22
21	35	.433	16
22	34	.419	12
23	31	.382	8.8
24	28	.345	7.6
25	25	.308	6.8
26	23	.284	6.2
27	22	.271	6.1
28	20	.247	5.6
29	18	.222	4.5
30	17	.210	4.7
Mean	36.5	1.50	892.0
Maximum	80	1.00	
Minimum	17	.210	

33	.459	12
30	.417	13
29	.403	10
56	.779	14.6
51	.709	102
30	.417	9.9
25	.348	7.8
23	.320	8.1
24	.334	9.5
22	.306	6.4
19	.264	7.5
21	.292	5.9
23	.320	6.9
19	.264	4.9
16	.222	4.0
24	.334	7.3
43	.598	29
47	.554	43
23	.320	11
19	.264	4.8
15	.222	3.3
13	.181	2.8
12	.167	2.4
11	.153	2.1
9.8	.136	1.6
8.7	.121	2.2
8.0	.111	1.3
7.3	.102	1.1
6.3	.083	1.1
5.3	.081	.8
		167.9
22.5	.413	
56	.779	
5.8	.081	

8.8	.320	2.9
7.6	.276	2.4
7.4	.269	1.9
25	.909	90
18	.654	30
8.5	.333	2.5
6.8	.247	1.4
5.8	.211	1.3
5.5	.200	.9
5.2	.189	.9
4.1	.149	.7
5.1	.185	1.0
5.7	.207	1.3
4.0	.145	.8
3.3	.120	.5
6.8	.247	1.8
17	.613	15
20	.727	22
6.7	.244	4.0
4.9	.178	1.7
5.7	.234	.7
3.2	.116	.8
2.8	.102	.3
2.4	.087	.3
2.2	.080	.5
1.9	.069	.4
1.7	.062	.2
1.6	.058	.1
1.4	.051	.1
1.3	.047	.3
		135.3
5.61	.20	
25	.909	
1.3	.047	

Runoff and Suspended Matter

May 1938

South Fork of Palouse River (81.1 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	sq. mi.	Tons per Day
1	16	.197	3.9
2	15	.185	3.1
3	14	.173	2.9
4	14	.173	1.4
5	13	.160	2.2
6	12	.148	2.5
7	11	.136	2.0
8	10	.123	1.9
9	9.5	.117	1.7
10	8.5	.105	1.7
11	12	.145	2.0
12	14	.173	2.5
13	9.9	.122	2.5
14	8.5	.105	1.7
15	8.0	.099	1.5
16	7.3	.090	1.3
17	6.7	.083	1.1
18	8.8	.108	1.5
19	9.3	.115	1.5
20	7.3	.090	.8
21	6.4	.079	1.0
22	5.6	.069	.9
23	5.0	.062	.3
24	4.5	.055	.7
25	4.0	.049	.6
26	3.9	.043	.4
27	3.9	.043	.7
28	4.9	.060	.7
29	5.5	.068	.7
30	3.9	.043	.5
31	3.0	.037	.4
Total			47.1
Mean	8.60	.106	
Maximum	16	.197	
Minimum	3.0	.037	

Fourmile Creek (71.9 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	sq. mi.	Tons per Day
5.1	.071		0.7
4.4	.061		.6
4.2	.058		.5
4.4	.061		.6
4.1	.057		.5
3.5	.050		.4
3.2	.044		.3
3.1	.043		.4
3.1	.043		.4
2.8	.039		.3
4.0	.056		.5
6.4	.089		.8
3.6	.050		.4
2.4	.033		.4
2.1	.029		.3
1.8	.025		.3
1.6	.022		.2
2.8	.039		.6
3.2	.044		.5
2.1	.029		.2
1.7	.024		.2
1.4	.019		.3
1.2	.017		.2
1.1	.015		.2
.94	.013		.1
.89	.012		.1
.89	.012		.07
1.2	.017		.2
2.1	.029		.2
1.5	.021		.1
1.0	.014		.06
Total			10.33
Mean	2.64	.037	
Maximum	6.4	.089	
Minimum	.89	.012	

Missouri Flat Creek (27.5 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	sq. mi.	Tons per Day
1.1	.040		0.2
1.0	.036		.2
.98	.036		.06
.98	.036		.2
.91	.033		.1
.83	.030		.1
.77	.028		.1
.77	.028		.1
.77	.028		.1
.73	.026		.2
1.1	.040		.2
1.2	.044		.2
.80	.029		.1
.64	.023		.09
.53	.019		.04
.45	.016		.06
.42	.015		.05
.81	.029		.1
.80	.029		.1
.64	.023		.06
.50	.018		.04
.39	.014		.04
.32	.012		.4
.28	.010		.04
.21	.008		.03
.19	.007		.05
.21	.008		.04
.32	.012		.04
.32	.012		.04
.21	.008		.03
.16	.006		.03
Total			2.77
Mean	0.524	.022	
Maximum	1.2	.044	
Minimum	.16	.006	

June 1938

South Fork of Palouse River (81.1 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	sq. mi.	Tons per Day
1	2.8	.034	0.6
2	2.6	.032	.4
3	2.2	.027	.4
4	2.1	.026	.4
5	1.9	.023	.3
6	1.7	.021	.3
7	1.5	.018	.4
8	1.3	.016	.2
9	1.3	.016	.2
10	1.4	.017	.2
11	1.5	.018	.3
12	1.5	.018	.3
13	1.3	.016	.3
14	1.2	.015	.2
15	1.1	.014	.2
16	1.2	.015	.2
17	1.8	.022	.3
18	2.9	.036	.5
19	3.5	.043	.9
20	2.3	.028	.5
21	1.8	.022	.4
22	1.5	.018	.4
23	1.6	.020	.4
24	1.5	.018	.3
25	1.5	.018	.3
26	1.4	.017	.2
27	1.4	.017	.2
28	1.1	.014	.2
29	.89	.011	.1
30	.69	.008	.08
Total			9.68
Mean	1.68	.021	
Maximum	3.5	.043	
Minimum	.69	.008	

Fourmile Creek (71.9 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	sq. mi.	Tons per Day
0.89	.012		0.06
.69	.009		.1
.60	.008		.05
.47	.006		.02
.39	.005		.05
.32	.004		.1
.26	.004		.07
.23	.003		.04
.20	.003		.04
.18	.002		.02
.20	.003		.03
.20	.003		.03
.16	.002		.02
.15	.002		.01
.12	.002		.04
.18	.002		.03
.28	.004		.09
.71	.010		.1
1.0	.014		.1
.89	.012		.2
3.3	.043		.96
1.4	.019		.82
.70	.010		.15
.48	.007		4.1
.44	.006		3.1
.30	.004		.8
.24	.003		.6
.18	.002		.3
.12	.002		.2
.08	.001		.2
Total			202.56
Mean	0.512	.007	
Maximum	3.3	.043	
Minimum	.08	.001	

Missouri Flat Creek (27.5 square miles)			
Mean Daily Discharge		Suspended Matter	
Date	CFS	sq. mi.	Tons per Day
0.12	.004		0.006
.11	.004		.01
.08	.003		.006
.08	.003		.003
.06	.002		.003
.03	.001		.001
.02	.001		.001
.01	.000		.000
.01	.000		.002
.01	.000		.002
.01	.000		.001
.01	.000		.001
0	0		0
.03	.001		.006
.12	.004		.01
.40	.014		.3
.28	.010		.03
.14	.005		.01
.10	.004		.01
.07	.002		.01
.04	.001		.007
.03	.001		.005
.03	.001		.005
.02	.001		.005
.01	.000		.005
0	0		0
0	0		0
0	0		0
Total			0.044
Mean	0.061	.002	
Maximum	0.40	.014	
Minimum	0	0	

Runoff and Suspended Matter

July 1938

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.60	.007	0.08
2	.69	.008	.07
3	.74	.009	.08
4	.74	.009	.09
5	.84	.010	.1
6	.74	.009	.09
7	.60	.007	.09
8	.60	.007	.08
9	.39	.005	.07
10	.39	.005	.06
11	.29	.004	.05
12	.23	.003	.04
13	.23	.003	.02
14	.19	.002	.03
15	.13	.002	.04
16	.29	.004	.06
17	2.0	.025	.08
18	.70	.009	.07
19	.28	.003	.06
20	.20	.002	.05
21	.12	.001	.05
22	.07	.001	.02
23	.02	.000	.01
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			1.37
Mean	0.357	.004	
Maximum	2.0	.025	
Minimum	0	0	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.08	.001	0.1
2	.08	.001	.1
3	.08	.001	.08
4	.08	.001	.04
5	.08	.001	.04
6	.07	.001	.03
7	.06	.001	.03
8	.05	.001	.03
9	.04	.000	.01
10	.02	.000	.01
11	.01	.000	.005
12	.01	.000	.005
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0.150
Mean	0.021	.000	
Maximum	.08	.001	
Minimum	0	0	

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	.01	.000	.000
22	.01	.000	.000
23	.01	.000	.000
24	.01	.000	.000
25	0	0	0
26	0	0	0
27	0	0	0
28	.01	.000	.000
29	0	0	0
30	0	0	0
31	0	0	0
Total			0.000
Mean	0.002	.000	
Maximum	.01	.000	
Minimum	0	0	

August 1938

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

Runoff and Suspended Matter

September 1938

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	.01	.000	.000
9	.01	.000	.000
10	.01	.000	.000
11	.01	.000	.000
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total			0.000
Mean	0.001	.000	
Maximum	.01	.000	
Minimum	0	0	

October 1938

1	0	0	0
2	0	0	0
3	0	0	0
4	8.5	.105	.2
5	10	.123	.6
6	.90	.011	.07
7	.50	.006	.05
8	.60	.007	.08
9	.50	.006	.09
10	.70	.009	.2
11	1.0	.012	.3
12	.90	.011	.2
13	.90	.011	.1
14	.81	.010	.1
15	.60	.007	.06
16	.74	.009	.06
17	.56	.007	.05
18	.51	.006	.05
19	.47	.006	.04
20	.43	.005	.04
21	.52	.006	.04
22	.54	.007	.04
23	.43	.005	.04
24	.40	.005	.04
25	.34	.004	.04
26	.40	.005	.04
27	.32	.004	.04
28	.26	.003	.04
29	.44	.005	.05
30	.60	.007	.06
31	.46	.006	.04
Total			2.75
Mean	1.08	.013	
Maximum	10	.123	
Minimum	0	0	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0	0	0
2	.01	.000	.000
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	.01	.000	.000
8	.01	.000	.000
9	.01	.000	.000
10	.01	.000	.000
11	.06	.002	.005
12	.03	.001	.001
13	.04	.001	.001
14	.02	.001	.000
15	.01	.000	.000
16	.01	.000	.000
17	.01	.000	.000
18	0	0	0
19	0	0	0
20	.01	.000	.000
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	.01	.000	.000
26	.01	.000	.000
27	0	0	0
28	.01	.000	.000
29	.01	.000	.000
30	.02	.001	.000
31	.01	.000	.000
Total			0.007
Mean	0.010	.000	
Maximum	.06	.002	
Minimum	0	0	

November 1938

Mean Daily Discharge		Suspended Matter
CFS	CFS per sq. mi.	Tons per Day
0.02	.001	0.000
.05	.002	.002
.19	.007	.01
.08	.003	.04
.04	.001	.01
.03	.001	.005
.02	.001	.001
.03	.001	.001
.03	.001	.001
.06	.002	.005
.04	.001	.001
.03	.001	.001
.04	.001	.001
.07	.002	.001
.43	.016	.2
.71	.026	.2
.38	.014	.06
.21	.008	.03
.16	.006	.01
.35	.013	.1
.21	.008	.03
.14	.005	.01
.07	.002	.01
.07	.002	.004
.04	.001	.002
.04	.001	.01
.03	.001	.001
.06	.002	.002
.08	.003	.003
.12	.004	.003
		0.754
0.128	.005	
.71	.026	
.02	.001	

December 1938

0.17	.006	0.009
.75	.027	1.5
.77	.028	.2
.59	.021	.5
.76	.023	1.7
<hr/>		
.50	.013	.1
.37	.013	.05
.32	.012	.03
.28	.010	.03
.21	.008	.02
<hr/>		
.41	.005	.01
.08	.003	.006
.06	.002	.003
.06	.002	.004
.08	.003	.003
<hr/>		
.07	.002	.003
.07	.002	.003
.10	.004	.007
.08	.003	.001
.10	.004	.01
<hr/>		
.11	.004	.005
.12	.004	.007
.21	.008	.01
.28	.010	.01
.28	.010	.01
<hr/>		
.12	.004	.003
.12	.004	.004
.71	.026	.03
2.7	.098	1.2
2.6	.094	1.5
1.2	.044	.5
<hr/>		
0.52	.013	7.58
2.7	.053	
.06	.002	

Runoff and Suspended Matter

January 1939

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	5.1	.063	3.1
2	5.3	.065	11
3	5.8	.072	5.3
4	3.6	.044	3.2
5	3.5	.043	2.5
6	3.9	.048	2.5
7	3.0	.037	1.6
8	2.6	.032	.9
9	2.8	.034	1.2
10	2.8	.034	1.3
11	2.9	.035	1.5
12	3.5	.043	1.1
13	3.6	.044	.9
14	3.3	.041	.9
15	3.6	.044	2.6
16	3.0	.037	1.6
17	2.8	.034	1.9
18	4.0	.049	3.7
19	5.2	.064	4.2
20	3.3	.041	2.2
21	2.5	.031	1.1
22	2.1	.026	.9
23	1.6	.020	.8
24	1.6	.020	.7
25	1.6	.020	.7
26	1.7	.021	.7
27	1.9	.023	.6
28	2.4	.030	.8
29	2.8	.034	1.1
30	2.4	.030	.9
31	2.3	.028	.7
Total			62.2
Mean	3.11	.038	
Maximum	5.8	.072	
Minimum	1.6	.020	

Fourmile Creek
(71.9 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	8.8	.122	21
2	8.6	.120	16
3	9.5	.132	56
4	2.7	.038	12
5	3.4	.047	7.8
6	3.5	.048	7.7
7	2.3	.032	3.1
8	2.0	.028	1.5
9	2.2	.031	1.9
10	2.4	.033	1.5
11	2.6	.035	1.6
12	2.2	.031	1.0
13	2.1	.029	.8
14	3.1	.043	1.2
15	2.6	.039	1.7
16	2.4	.033	1.7
17	2.2	.031	1.0
18	4.8	.067	8.6
19	12	.167	30
20	5.8	.081	8.6
21	1.5	.021	1.5
22	1.6	.022	1.4
23	1.3	.018	.8
24	1.1	.015	.6
25	.99	.014	.5
26	1.1	.015	.4
27	1.4	.019	.4
28	2.6	.036	4.0
29	3.9	.054	9.4
30	2.7	.038	5.9
31	2.3	.032	.9
Total			212.0
Mean	3.45	.048	
Maximum	12	.167	
Minimum	.99	.011	

Missouri Flat Creek
(27.5 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	2.8	.102	1.3
2	2.6	.094	2.2
3	3.1	.113	5.0
4	1.1	.040	1.9
5	1.4	.051	2.1
6	1.1	.040	1.0
7	.86	.031	.6
8	.80	.029	.4
9	.80	.029	.3
10	.75	.027	.2
11	.86	.031	.2
12	.97	.035	.3
13	1.2	.044	.3
14	1.2	.044	.4
15	1.2	.044	.4
16	.90	.033	.6
17	.92	.033	.5
18	1.4	.051	.9
19	2.4	.087	1.0
20	1.7	.062	.9
21	.77	.028	.3
22	.70	.025	.2
23	.65	.024	.2
24	.56	.020	.2
25	.42	.015	.2
26	.43	.017	.03
27	.56	.020	.08
28	.64	.023	.08
29	.92	.033	.1
30	.80	.029	.08
31	.74	.027	.06
Total			22.68
Mean	1.35	.042	
Maximum	3.1	.113	
Minimum	.42	.015	

February 1939

1	1.8	.022	0.5
2	1.5	.018	.5
3	1.2	.015	.3
4	1.4	.017	.3
5	1.5	.018	.4
6	1.6	.020	.5
7	1.2	.015	.2
8	1.6	.020	.2
9	1.5	.018	.2
10	1.6	.020	.2
11	1.5	.018	.1
12	10	.123	7.4
13	18	.222	10
14	23	.284	56
15	24.4	3.01	2,240
16	77	3.49	242
17	48	.592	47
18	59	.727	236
19	44	.542	100
20	26	.306	20
21	22	.271	15
22	17	.210	11
23	17	.210	11
24	22	.271	27
25	21	.259	37
26	16	.197	13
27	17	.210	13
28	16	.197	7.3
Total			3,096.1
Mean	25.5	.311	
Maximum	244	3.61	
Minimum	1.2	.015	

1	1.6	.022	1.5
2	1.2	.017	.5
3	.99	.014	.5
4	.99	.014	.4
5	1.1	.015	.3
6	1.3	.018	.3
7	1.1	.015	.3
8	.99	.014	.2
9	.79	.011	.2
10	.84	.012	.1
11	.94	.013	.2
12	3.6	.050	.8
13	8.2	.114	3.2
14	15	.209	23
15	166	2.31	2,270
16	77	1.37	445
17	46	.640	77
18	67	.932	84
19	51	.709	158
20	29	.403	53
21	23	.320	33
22	17	.236	17
23	17	.236	28
24	25	.348	92
25	22	.306	104
26	15	.209	17
27	18	.250	20
28	16	.222	9.1
Total			3,249.6
Mean	22.4	.311	
Maximum	166	2.31	
Minimum	.79	.011	

1	0.58	.021	0.05
2	.46	.017	.04
3	.38	.014	.06
4	.45	.016	.03
5	.50	.018	.03
6	.48	.017	.03
7	.52	.019	.03
8	.45	.016	.03
9	.35	.013	.008
10	.37	.013	.02
11	.40	.014	.03
12	5.0	.182	1.2
13	5.1	.185	1.2
14	7.1	.256	6.9
15	73	2.65	2.3
16	26	.445	23
17	16	.582	11
18	27	.982	128
19	19	.691	28
20	10	.374	9.2
21	7.0	.254	5.3
22	5.3	.193	3.5
23	5.6	.204	3.2
24	9.5	.345	22
25	6.5	.236	19
26	4.5	.164	3.3
27	5.8	.211	4.7
28	4.9	.178	2.0
Total			51.383
Mean	8.65	.311	
Maximum	73	2.65	
Minimum	.35	.013	

Runoff and Suspended Matter

March 1939

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	14	.173	5.3
2	17	.210	5.0
3	20	.247	5.5
4	17	.210	3.9
5	13	.160	4.0
6	15	.185	3.6
7	13	.160	2.9
8	13	.160	3.1
9	14	.173	3.3
10	19	.234	6.2
11	91	1.12	555
12	250	3.08	1,930
13	145	1.79	524
14	96	1.18	276
15	82	1.01	118
16	102	1.26	260
17	204	2.52	1,190
18	291	3.59	2,550
19	346	4.27	3,380
20	383	4.72	3,730
21	373	4.50	3,530
22	332	4.09	2,370
23	286	3.53	1,610
24	259	3.19	1,300
25	239	2.95	1,180
26	163	2.01	588
27	93	1.15	175
28	71	.875	88
29	58	.715	53
30	49	.604	32
31	44	.542	24
Total			25,355.8
Mean	133	1.64	
Maximum	383	4.72	
Minimum	13	.160	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
13		.181	6.3
16		.222	6.5
21		.292	15
17		.236	10
14		.195	6.8
13		.181	5.4
15		.209	5.8
12		.167	4.9
12		.167	4.1
16		.222	11
90	1.25	1,220	
274	3.61	4,900	
202	2.61	1,440	
99	1.38	327	
80	1.11	192	
120	1.57	1,010	
252	3.50	3,220	
361	5.02	6,530	
394	5.48	6,460	
373	5.19	5,140	
281	3.91	2,410	
225	3.13	1,820	
175	2.13	711	
140	2.03	490	
135	1.88	508	
91	1.26	132	
60	.835	47	
46	.640	23	
37	.515	16	
30	.417	9.6	
28	.389	7.8	
Total		25,019.2	
Mean	1.54		
Maximum	5.48		
Minimum	.167		

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
4.3		.156	2.0
5.1		.185	3.4
6.2		.225	3.4
5.4		.196	1.8
4.2		.153	1.6
3.9		.142	1.0
4.4		.160	1.5
4.0		.145	1.2
4.1		.149	1.3
5.6		.204	2.8
24	.873	70	
68	2.47	318	
59	2.14	116	
35	1.27	48	
27	.982	30	
26	.945	99	
109	3.96	954	
165	6.00	2,550	
194	7.05	3,140	
210	7.64	3,280	
175	6.36	2,080	
136	4.94	1,220	
101	3.67	576	
76	2.76	301	
60	2.18	167	
36	1.31	56	
23	.836	13	
17	.618	7.6	
13	.473	4.6	
9.5	.345	2.5	
7.8	.284	1.7	
Total		15,054.1	
Mean	52.2	1.90	
Maximum	210	7.64	
Minimum	3.9	.142	

April 1939

1	14	.542	28
2	26	.320	11
3	35	.432	20
4	31	.382	9.4
5	26	.320	6.3
6	23	.284	4.8
7	22	.271	4.6
8	20	.247	4.0
9	18	.222	4.5
10	18	.222	4.5
11	17	.210	3.3
12	30	.370	20
13	34	.419	23
14	25	.308	4.9
15	21	.259	5.3
16	18	.222	3.5
17	16	.197	3.2
18	16	.197	3.2
19	15	.185	2.8
20	15	.185	2.6
21	15	.185	2.4
22	14	.173	2.3
23	14	.173	2.0
24	13	.160	1.8
25	15	.185	1.7
26	13	.160	1.5
27	11	.136	1.3
28	9.9	.122	.9
29	9.1	.112	1.2
30	9.5	.117	1.4
Total			185.4
Mean	19.8	.244	
Maximum	35	.432	
Minimum	9.1	.112	

27	.375	9.0
24	.334	6.1
21	.292	5.0
17	.236	3.9
14	.195	2.7
12	.167	3.4
13	.181	2.8
12	.167	2.6
9.9	.138	2.3
9.9	.138	.9
9.3	.129	1.1
29	.403	27
31	.431	24
20	.278	3.8
14	.195	2.8
9.8	.136	1.2
8.2	.114	1.0
7.3	.102	.6
6.3	.088	.5
5.9	.082	.5
5.6	.078	.4
4.7	.065	.4
4.4	.061	.3
4.1	.057	.2
4.7	.065	.2
5.1	.071	.3
3.9	.054	.1
2.9	.040	.1
2.2	.031	.4
2.1	.029	.4
		164.3
11.3	.157	
31	.431	
2.1	.029	

7.0	.254	1.6
5.9	.214	1.3
5.0	.182	.8
3.9	.142	.5
3.0	.109	.4
2.6	.094	.2
2.8	.102	.3
2.5	.091	.4
2.0	.073	.2
2.0	.073	.4
2.0	.073	.2
8.5	.309	2.8
8.6	.313	2.9
5.0	.182	1.1
3.1	.113	.4
2.0	.073	.2
1.6	.058	.1
1.3	.047	.08
1.2	.044	.05
1.2	.044	.4
1.0	.036	.02
.86	.031	.03
.80	.029	.02
.75	.027	.01
.98	.036	.02
.92	.033	.02
.75	.027	.01
.60	.022	.009
.48	.017	.008
.41	.015	.01
		14.127
2.62	.095	
8.6	.313	
.41	.015	

Runoff and Suspended Matter

May 1939

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	8.9	.110	1.6
2	8.4	.104	1.6
3	7.7	.095	1.7
4	7.2	.089	1.7
5	7.2	.089	1.6
6	6.7	.083	1.4
7	6.0	.074	1.2
8	5.7	.070	1.0
9	5.0	.062	.8
10	4.7	.058	.7
11	4.3	.053	.6
12	3.7	.046	.5
13	3.3	.041	.4
14	3.2	.039	.4
15	3.0	.037	.3
16	2.9	.036	.3
17	3.3	.041	.3
18	3.9	.048	.3
19	4.3	.053	.8
20	3.4	.042	.7
21	3.0	.037	.5
22	3.9	.048	.4
23	4.0	.049	.4
24	2.3	.034	.3
25	1.9	.023	.2
26	1.8	.022	.2
27	1.9	.023	.2
28	1.6	.020	.2
29	1.5	.018	.2
30	1.4	.017	.1
31	1.2	.015	.1
Total			20.7
Mean	4.12	.051	
Maximum	8.9	.110	
Minimum	1.2	.015	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
2.1	.029	.04	
1.8	.025	.5	
1.8	.025	.3	
2.2	.031	.4	
2.0	.028	.5	
2.1	.029	.3	
1.8	.025	.4	
1.7	.024	.3	
1.6	.022	.3	
1.4	.019	.3	
1.3	.018	.2	
1.2	.017	.09	
1.1	.015	.1	
.99	.014	.1	
.89	.012	.06	
.89	.012	.08	
1.2	.017	.1	
1.3	.018	.1	
1.5	.021	.1	
1.4	.019	.1	
1.3	.018	.2	
1.5	.021	.2	
1.5	.021	.2	
1.2	.017	.1	
1.1	.015	.09	
1.2	.017	.1	
.99	.014	.1	
.99	.014	.1	
.94	.013	.08	
.64	.009	.07	
Total		6.17	
Mean	1.39	.019	
Maximum	2.2	.031	
Minimum	.64	.009	

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
0.47	.017	0.02	
.45	.016	.02	
.42	.015	.02	
.42	.015	.02	
.39	.014	.01	
.35	.013	.006	
.32	.012	.008	
.28	.010	.009	
.28	.010	.01	
.25	.009	.01	
.21	.008	.01	
.19	.007	.01	
.17	.006	.003	
.16	.006	.009	
.14	.005	.01	
.17	.006	.01	
.25	.009	.009	
.32	.012	.008	
.45	.016	.02	
.35	.013	.01	
.32	.012	.009	
.35	.013	.007	
.35	.013	.008	
.30	.011	.009	
.25	.009	.01	
.28	.010	.01	
.25	.009	.01	
.21	.008	.01	
.21	.008	.01	
.19	.007	.009	
.17	.006	.009	
Total	0.298	.010	3.773
Mean	.47	.017	
Maximum	.45	.016	
Minimum	.14	.005	

June 1939

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	1.1	.014	0.1
2	1.3	.016	.1
3	1.4	.017	.1
4	1.4	.017	.1
5	1.3	.016	.1
6	1.3	.016	.1
7	1.2	.015	.1
8	1.2	.015	.1
9	1.3	.016	.1
10	1.3	.016	.1
11	1.4	.017	.1
12	1.4	.017	.1
13	1.1	.014	.1
14	.94	.012	.1
15	.89	.011	.1
16	.94	.012	.1
17	.99	.012	.1
18	1.2	.015	.1
19	1.2	.015	.1
20	1.2	.015	.1
21	1.3	.016	.1
22	.89	.012	.1
23	.74	.009	.09
24	.89	.011	.09
25	.64	.008	.08
26	.60	.007	.08
27	.51	.006	.07
28	.43	.005	.06
29	.36	.004	.05
30	.26	.003	.04
Total			2.76
Mean	1.03	.013	
Maximum	1.4	.017	
Minimum	.26	.003	

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
0.64	.009	0.06	
.64	.009	.06	
.51	.007	.05	
.47	.006	.04	
.64	.009	.05	
.64	.009	.05	
.60	.008	.05	
.64	.009	.05	
.64	.009	.05	
.60	.008	.05	
.56	.008	.05	
.47	.006	.04	
.43	.006	.04	
.32	.004	.03	
.29	.004	.03	
.29	.004	.03	
.47	.006	.04	
.39	.005	.03	
.43	.006	.03	
.47	.006	.03	
.39	.005	.03	
.26	.004	.02	
.18	.002	.02	
.12	.002	.01	
.10	.001	.01	
.08	.001	.01	
.07	.001	.01	
.06	.001	.01	
.04	.000	.006	
.02	.000	.004	
Total		1.310	
Mean	0.489	.005	
Maximum	.64	.009	
Minimum	.02	.000	

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
0.16	.006	0.008	
.11	.004	.003	
.10	.004	.003	
.12	.004	.003	
.12	.004	.003	
.11	.003	.003	
.16	.006	.003	
.19	.007	.003	
.19	.007	.006	
.16	.006	.004	
.12	.004	.003	
.11	.004	.002	
.07	.002	.002	
.04	.001	.002	
.06	.002	.001	
.07	.002	.001	
.06	.002	.001	
.09	.003	.002	
.10	.004	.002	
.08	.003	.001	
.06	.002	.001	
.03	.001	.001	
.02	.001	.001	
.01	.000	.001	
.01	.000	.001	
.01	.000	.001	
.01	.000	.001	
.01	.000	.001	
Total	0.083	.003	0.182
Mean	.17	.002	
Maximum	.16	.003	
Minimum	.01	.000	

Runoff and Suspended Matter

July 1939

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.23	.004	0.03
2	.19	.002	.03
3	.48	.006	.05
4	.64	.008	.07
5	.47	.006	.06
6	.88	.011	.07
7	.79	.010	.07
8	.64	.008	.06
9	.39	.005	.04
10	.32	.004	.03
11	.16	.002	.03
12	.10	.001	.02
13	.10	.001	.02
14	.08	.001	.02
15	.08	.001	.02
16	.06	.001	.01
17	.04	.000	.01
18	.03	.000	.01
19	.02	.000	.01
20	.02	.000	.01
21	.02	.000	.01
22	.02	.000	.01
23	.02	.000	.01
24	.01	.000	.01
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
July			0.70
Mean	0.186	.002	
Median	.58	.011	
Maximum	0	0	

Fourmile Creek (71.9 square miles)		
Date	Mean Daily Discharge	
	CFS	sq. mi.
1	0.01	.000
2	0	0
3	.03	.000
4	.05	.001
5	.04	.000
6	.06	.001
7	.04	.000
8	.03	.000
9	.02	.000
10	.01	.000
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	0
30	0	0
31	0	0
July		0.195
Mean	0.009	.000
Median	.06	.001
Maximum	0	0

Missouri Flat Creek (27.5 square miles)		
Date	Mean Daily Discharge	
	CFS	sq. mi.
1	0.01	.000
2	.01	.000
3	.01	.000
4	.03	.001
5	.02	.001
6	.03	.001
7	.01	.000
8	.01	.000
9	.01	.000
10	.01	.000
11	.01	.000
12	.01	.000
13	.01	.000
14	.01	.000
15	.01	.000
16	.01	.000
17	.01	.000
18	.01	.000
19	.01	.000
20	.01	.000
21	.01	.000
22	.01	.000
23	.01	.000
24	.01	.000
25	.01	.000
26	.01	.000
27	.01	.000
28	.01	.000
29	.01	.000
30	.01	.000
31	.01	.000
July		0.024
Mean	0.012	.000
Median	.03	.001
Maximum	.01	.000

August 1939

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
August			0
Mean	0	0	
Median	0	0	
Maximum	0	0	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
August			0
Mean	0	0	
Median	0	0	
Maximum	0	0	

1	0	0	0
2	0	0	0
3	.01	.000	.001
4	0	0	0
5	.01	.000	.001
6	.01	.000	.001
7	.01	.000	.001
8	.01	.000	.001
9	.01	.000	.001
10	.01	.000	.001
11	.01	.000	.001
12	.01	.000	.001
13	.01	.000	.001
14	.01	.000	.001
15	.01	.000	.001
16	.01	.000	.001
17	.01	.000	.001
18	.01	.000	.001
19	.01	.000	.001
20	.01	.000	.001
21	.01	.000	.001
22	.01	.000	.001
23	.01	.000	.001
24	.01	.000	.001
25	.01	.000	.001
26	.01	.000	.001
27	.01	.000	.001
28	.01	.000	.001
29	.01	.000	.001
30	.01	.000	.001
31	.01	.000	.001
August			0.023
Mean	0.009	.000	
Median	.01	.000	
Maximum	0	0	

Runoff and Suspended Matter

September 1939

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.01	.000	0.001
2	.01	.000	.001
3	.01	.000	.001
4	.01	.000	.001
5	.01	.000	.001
6	.01	.000	.001
7	.01	.000	.001
8	.01	.000	.001
9	.01	.000	.001
10	.01	.000	.001
11	.01	.000	.001
12	.01	.000	.001
13	.01	.000	.001
14	.01	.000	.001
15	.01	.000	.001
16	.01	.000	.001
17	.01	.000	.001
18	.01	.000	.001
19	.01	.000	.001
20	.01	.000	.001
21	.01	.000	.001
22	.01	.000	.001
23	.01	.000	.001
24	.01	.000	.001
25	.01	.000	.001
26	.01	.000	.001
27	.01	.000	.001
28	.01	.000	.001
29	.01	.000	.001
30	.01	.000	.001
Total			0.001
Mean	0.010	.000	
Maximum	.01	.000	
Minimum	.01	.000	

October 1939

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	.06	.001	.000
21	.08	.001	.000
22	.10	.001	.000
23	.11	.002	.000
24	.11	.002	.000
25	.17	.002	.000
26	.60	.007	.000
27	.71	.009	.000
28	.37	.004	.000
29	.26	.003	.000
30	.19	.002	.000
31	.19	.002	.000
Total			.000
Mean	0.097	.001	
Maximum	.71	.009	
Minimum	0	0	

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
Total			0
Mean	0	0	
Maximum	0	0	
Minimum	0	0	

1	0.01	.000	.000
2	.01	.000	.000
3	.01	.000	.000
4	.01	.000	.000
5	.01	.000	.000
6	.07	.002	.000
7	.01	.000	.000
8	.01	.000	.000
9	.01	.000	.000
10	.01	.000	.000
11	.01	.000	.000
12	.01	.000	.000
13	.01	.000	.000
14	.01	.000	.000
15	.01	.000	.000
16	.01	.000	.000
17	.02	.001	.000
18	.02	.001	.000
19	.02	.001	.000
20	.01	.000	.000
21	.02	.001	.000
22	.02	.001	.000
23	.02	.001	.000
24	.02	.001	.000
25	.02	.001	.000
26	.04	.001	.000
27	.05	.002	.000
28	.03	.001	.000
29	.02	.001	.000
30	.01	.000	.000
31	.03	.001	.000
Total			.000
Mean	0.018	.001	
Maximum	.07	.002	
Minimum	.01	.000	

Runoff and Suspended Matter

November 1939

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.19	.002	.000
2	.23	.004	.000
3	.32	.004	.000
4	.26	.003	.000
5	.23	.004	.000
6	.22	.004	.000
7	.22	.004	.000
8	.22	.004	.000
9	.32	.004	.000
10	.52	.004	.000
11	.29	.004	.000
12	.29	.004	.000
13	.29	.004	.000
14	.40	.005	.000
15	.50	.006	.000
16	.32	.004	.000
17	.26	.003	.000
18	.29	.004	.000
19	.36	.004	.000
20	.55	.007	.000
21	1.1	.011	.000
22	.3	.003	.000
23	.39	.005	.000
24	.39	.005	.000
25	.39	.005	.000
26	.39	.005	.000
27	.36	.004	.000
28	.36	.004	.000
29	.36	.004	.000
30	.36	.004	.000
31	.36	.004	.000
Mean	0.371	.004	
Maximum	1.1	.011	
Minimum	.19	.002	

Fourmile Creek
(71.9 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	.01	.000	.01
31			0.01
Mean	0	0	
Maximum	.01	.000	
Minimum	0	0	

Missouri Flat Creek
(27.5 square miles)

	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	0.02	.001	.000
2	.02	.001	.000
3	.02	.001	.000
4	.02	.001	.000
5	.02	.001	.000
6	.02	.001	.000
7	.01	.000	.000
8	.02	.001	.000
9	.02	.001	.000
10	.01	.000	.000
11	.01	.000	.000
12	.02	.001	.000
13	.02	.001	.000
14	.01	.000	.000
15	.02	.001	.000
16	.01	.000	.000
17	.02	.001	.000
18	.02	.001	.000
19	.02	.001	.000
20	.02	.001	.000
21	.02	.001	.000
22	.02	.001	.000
23	.02	.001	.000
24	.02	.001	.000
25	.02	.001	.000
26	.02	.001	.000
27	.02	.001	.000
28	.02	.001	.000
29	.02	.001	.000
30	.03	.001	.000
31			.000
Mean	0.019	.001	
Maximum	.03	.001	
Minimum	.01	.000	

December 1939

1	0.39	.005	0.03
2	.47	.006	.03
3	.43	.005	.03
4	.60	.007	.04
5	.47	.006	.03
6	.59	.007	.03
7	.36	.004	.03
8	.47	.006	.03
9	.74	.009	.07
10	.94	.012	.1
11	.78	.010	.09
12	.64	.008	.04
13	.56	.007	.04
14	.56	.007	.04
15	1.0	.012	.1
16	1.8	.022	.4
17	2.9	.036	.8
18	2.5	.031	.8
19	1.5	.018	.4
20	1.2	.015	.2
21	1.1	.014	.1
22	1.0	.012	.1
23	.94	.010	.08
24	.79	.010	.07
25	.69	.008	.07
26	.60	.007	.07
27	.64	.008	.06
28	.64	.008	.05
29	.89	.011	.06
30	1.6	.020	.1
31	2.6	.032	.2
Mean	0.971	.012	4.29
Maximum	2.9	.036	
Minimum	.39	.004	

1	0.05	.001	0.02
2	.06	.001	.06
3	.06	.001	.1
4	.06	.001	.09
5	.07	.001	.07
6	.04	.000	.05
7	.05	.000	.04
8	.05	.001	.03
9	.22	.003	.02
10	.53	.007	.03
11	.58	.008	.03
12	.40	.006	.03
13	.30	.004	.04
14	.30	.004	.05
15	.60	.008	.1
16	1.2	.019	.3
17	1.8	.025	.4
18	1.5	.021	.3
19	.89	.012	.2
20	.56	.008	.1
21	.53	.006	.09
22	.39	.005	.08
23	.36	.005	.07
24	.32	.004	.1
25	.29	.004	.1
26	.26	.004	.2
27	.26	.004	.1
28	.26	.004	.09
29	.36	.005	.1
30	.74	.010	.3
31	1.4	.019	.7
Mean	0.670	.006	3.99
Maximum	1.8	.025	
Minimum	.05	.000	

1	0.04	.001	0.002
2	.04	.001	.002
3	.02	.001	.002
4	.02	.001	.002
5	.02	.001	.002
6	.02	.001	.002
7	.02	.001	.002
8	.02	.001	.002
9	.05	.002	.005
10	.08	.003	.01
11	.16	.006	.05
12	.12	.004	.04
13	.04	.001	.007
14	.04	.001	.007
15	.15	.005	.01
16	.34	.012	.3
17	.62	.022	.5
18	1.8	.065	3.4
19	.56	.020	.5
20	.23	.003	.2
21	.19	.007	.09
22	.11	.003	.07
23	.11	.004	.01
24	.10	.004	.01
25	.08	.003	.006
26	.04	.001	.004
27	.04	.001	.002
28	.03	.001	.001
29	.03	.001	.002
30	.12	.004	.004
31	.42	.015	.08
Mean	.92	.033	3.32
Maximum	0.92	.033	
Minimum	.02	.001	

Runoff and Suspended Matter

January 1940

South Fork of Palouse River
(81.1 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	5.3	.065	2.7
2	4.8	.059	2.0
3	4.5	.055	1.9
4	4.8	.059	2.6
5	4.0	.049	2.2
6	3.0	.037	2.3
7	2.4	.030	1.2
8	1.8	.022	1.1
9	1.6	.020	.8
10	1.8	.022	.6
11	1.8	.022	.6
12	1.6	.020	.5
13	1.4	.017	.4
14	1.6	.020	.4
15	1.6	.020	.2
16	1.7	.021	.2
17	2.3	.028	.2
18	1.8	.022	.2
19	1.8	.022	.2
20	1.2	.015	.1
21	.9	.012	.1
22	.9	.012	.08
23	.99	.012	.09
24	.89	.011	.08
25	.89	.011	.07
26	1.1	.014	.39
27	2.4	.030	.4
28	11	.136	6.9
29	14	.173	13
30	8.9	.110	6.2
31	7.4	.091	5.4
Total			88.31
Mean	2.23	.027	
Maximum	11	.136	
Minimum	.89	.011	

Fourmile Creek
(71.9 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	2.7	.038	1.6
2	2.5	.035	1.3
3	2.5	.035	1.1
4	2.6	.036	1.4
5	2.0	.028	1.6
6	1.8	.025	1.2
7	1.1	.015	.8
8	.89	.012	1.1
9	.79	.011	1.4
10	.8	.012	.8
11	.69	.010	.2
12	.69	.010	.2
13	.6	.009	.1
14	.69	.010	.1
15	.74	.010	.1
16	.8	.011	.1
17	1.3	.018	.2
18	1.1	.015	.1
19	1.3	.018	.1
20	.8	.011	.1
21	.7	.009	.38
22	.43	.006	.05
23	.43	.006	.04
24	.43	.006	.04
25	.47	.006	.05
26	.79	.011	.07
27	6.1	.085	3.3
28	17	.236	30
29	11	.153	24
30	6.5	.090	10
31	4.8	.067	7.5
Total			88.73
Mean	2.2	.027	
Maximum	17	.236	
Minimum	.43	.006	

Missouri Flat Creek
(27.5 square miles)

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	CFS per sq. mi.	
1	1.2	.044	0.4
2	.81	.029	.1
3	.75	.027	.4
4	1.2	.044	.5
5	1.1	.040	.3
6	.83	.030	.3
7	.54	.020	.2
8	.50	.018	.06
9	.42	.015	.1
10	.45	.016	.2
11	.32	.012	.1
12	.30	.011	.05
13	.30	.011	.04
14	.30	.011	.04
15	.28	.010	.04
16	.43	.016	.05
17	.65	.024	.2
18	.43	.016	.1
19	.42	.015	.04
20	.25	.009	.02
21	.16	.006	.008
22	.17	.006	.006
23	.19	.007	.01
24	.17	.006	.006
25	.17	.006	.007
26	.40	.014	.04
27	3.2	.116	2.7
28	7.8	.284	9.7
29	5.7	.207	9.4
30	4.1	.149	4.4
31	3.1	.113	3.7
Total			37.37
Mean	1.29	.043	
Maximum	7.8	.284	
Minimum	.16	.006	

February 1940

1	5.8	.072	2.9
2	4.1	.050	1.8
3	4.1	.050	2.8
4	11	.136	9.0
5	11	.136	10
6	96	1.18	2,020
7	54	.666	792
8	23	.284	35
9	28	.345	32
10	42	.518	64
11	32	.394	57
12	19	.234	15
13	19	.234	12
14	22	.271	16
15	18	.222	12
16	13	.159	11
17	24	.296	23
18	56	.690	177
19	48	.592	168
20	33	.407	30
21	25	.320	26
22	25	.308	14
23	23	.284	9.8
24	22	.271	11
25	54	.666	203
26	161	1.98	1,790
27	187	2.30	2,150
28	193	2.38	2,290
29	150	1.85	980
Total			10,521.3
Mean	48.4	.597	
Maximum	193	2.38	
Minimum	4.1	.050	

3.2	.04	3.3
2.2	.031	2.1
2.6	.036	1.8
17	.236	46
3.0	.111	20
90	1.25	2,250
27	.376	228
13	.181	21
30	.417	48
26	.740	82
11	.195	19
8.9	.122	6.1
11	.153	5.9
23	.320	17
15	.209	25
9.1	.123	12
29	.403	66
56	.779	347
36	.501	100
24	.334	39
18	.250	25
17	.236	15
18	.250	11
24	.334	12
152	2.11	5,840
214	3.39	8,650
188	2.62	3,920
279	3.88	10,500
112	1.56	1,170
		19,522.2
51.6	1.13	
279	3.88	
3.2	.04	

2.2	.080	2.1
1.6	.058	1.4
2.0	.073	2.3
7.5	.273	14
4.4	.160	8.3
58	2.11	938
13	.473	89
6.4	.233	8.2
15	.545	29
11	.400	20
6.1	.222	6.2
3.6	.131	2.4
5.0	.182	3.4
10	.364	10
6.7	.244	6.3
4.1	.149	3.5
17	.618	39
30	1.09	131
16	.592	35
10	.364	12
7.4	.269	7.2
6.9	.251	6.1
7.6	.276	5.0
12	.436	10
67	2.44	945
94	3.22	1,550
73	2.65	880
111	4.04	2,540
45	1.64	228
		7,521.5
22.5	.318	
111	4.04	
1.6	.038	

Runoff and Suspended Matter

March 1940

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	83	1.02	154
2	214	2.64	2,090
3	111	1.37	273
4	75	.925	84
5	63	.777	64
6	143	1.74	1,510
7	119	1.47	2,760
8	233	2.87	141
9	92	1.13	60
10	65	.801	42
11	50	.616	32
12	46	.567	20
13	36	.444	13
14	33	.407	12
15	28	.345	14
16	30	.370	14
17	25	.308	8.3
18	22	.271	5.5
19	20	.247	1.8
20	19	.234	3.6
21	17	.210	3.1
22	15	.185	2.9
23	14	.173	2.7
24	13	.160	34
25	33	.407	55
26	42	.515	108
27	44	.542	22
28	24	.296	13
29	26	.320	9.3
30	22	.271	15
31	24	.296	
Total			7,588.2
Mean			243
Maximum			2,090
Minimum			.150

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
55	.765		73
202	2.81		3,680
60	.835		85
45	.826		36
61	.843		73
256	3.56		8,630
187	2.60		2,830
65	.904		63
48	.668		36
37	.515		28
35	.487		30
27	.376		17
25	.348		11
22	.306		6.5
25	.340		9.0
19	.264		9.1
16	.222		3.2
14	.195		2.7
13	.184		2.6
11	.153		2.5
9.7	.135		2.4
8.7	.121		2.3
8.6	.120		2.2
53	.737		217
36	.501		71
38	.528		151
16	.222		22
17	.236		8.1
21	.292		40
17	.236		12
Total			15,383.6
Mean			250
Maximum			3,680
Minimum			.120

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
25	.909		26
93	3.38		1,180
28	1.02		24
22	.800		13
26	.945		58
105	3.82		2,610
62	2.25		543
26	.945		17
21	.764		13
15	.545		9.3
14	.509		9.4
10	.364		4.7
9.9	.360		4.0
8.7	.316		2.9
10	.324		4.3
6.8	.247		1.9
5.4	.196		1.2
4.8	.174		1.3
4.3	.156		.7
3.4	.124		.9
2.9	.105		.6
2.6	.094		.4
2.5	.091		.4
17	.618		30
13	.413		18
15	.545		53
4.9	.178		14
5.9	.214		5.9
6.1	.222		34
8.8	.320		5.1
Total			4,588.3
Mean			19.2
Maximum			1,180
Minimum			.091

April 1940

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	98	1.21	634
2	56	.690	70
3	39	.481	60
4	31	.382	53
5	51	.629	99
6	33	.407	36
7	27	.331	11
8	30	.370	14
9	61	.752	531
10	47	.579	251
11	28	.345	18
12	23	.284	13
13	20	.247	11
14	19	.234	9.5
15	17	.210	6.8
16	15	.185	7.0
17	12	.148	4.5
18	12	.148	4.2
19	11	.136	3.9
20	10	.123	3.8
21	9.3	.115	1.9
22	8.6	.106	2.4
23	10	.123	2.5
24	25	.308	22
25	17	.210	9.7
26	19	.234	9.1
27	13	.160	4.7
28	13	.160	5.8
29	12	.148	4.7
30	9.7	.120	2.5
Total			1,906.0
Mean			25.9
Maximum			98
Minimum			8.6

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
138	1.92		1,770
47	.654		120
23	.320		11
18	.250		4.1
33	.459		62
21	.292		15
16	.222		3.9
23	.320		18
80	1.11		1,330
30	.427		171
16	.222		9.8
13	.181		4.9
10	.139		3.3
8.7	.121		1.7
7.7	.107		1.2
6.9	.086		1.0
6.1	.085		.9
5.4	.075		.8
4.9	.063		.5
4.7	.065		.7
4.2	.058		.4
3.9	.054		.4
6.0	.083		1.6
25	.348		30
11	.153		13
15	.209		9.8
8.3	.113		4.6
11	.152		5.3
9.8	.136		3.5
6.1	.085		1.5
Total			3,502.9
Mean			25.4
Maximum			138
Minimum			3.9

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
53	1.95		485
15	.054		13
7.0	.254		9.5
5.2	.189		8.7
16	.582		27
6.7	.241		8.5
5.0	.182		1.8
8.3	.302		3.6
47	1.71		786
12	.426		51
5.7	.207		3.5
4.0	.145		1.0
3.3	.120		.7
2.7	.098		.6
2.3	.084		.4
2.5	.087		.3
1.8	.066		.2
1.6	.058		.1
1.4	.051		.00
1.3	.047		.1
1.2	.044		.1
1.0	.036		.03
1.8	.065		.3
4.6	.167		1.0
2.8	.102		.4
3.4	.121		.4
2.1	.076		.6
1.8	.065		.4
2.0	.073		.2
1.4	.051		.2
Total			1,402.71
Mean			7.45
Maximum			53
Minimum			1.0

Runoff and Suspended Matter

May 1940

South Fork of Palouse River (81.1 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	14	.173	3.5
2	11	.135	3.4
3	9.5	.117	4.5
4	8.6	.106	2.2
5	9.5	.117	2.5
6	8.1	.100	2.2
7	7.0	.086	3.1
8	6.0	.074	1.7
9	5.5	.068	1.5
10	4.7	.058	1.3
11	4.1	.050	1.1
12	3.7	.046	1.0
13	3.6	.044	.9
14	3.4	.042	.9
15	3.5	.043	1.0
16	3.4	.042	.7
17	2.9	.036	.6
18	2.8	.034	.6
19	2.6	.032	.6
20	2.4	.030	.6
21	2.2	.027	.4
22	2.0	.025	.3
23	1.8	.022	.3
24	1.7	.021	.2
25	1.6	.020	.2
26	1.5	.020	.4
27	1.8	.022	.4
28	1.5	.018	.3
29	1.4	.017	.2
30	1.2	.015	.1
31	1.2	.015	.1
Total			27.2
Mean	7.33	.083	
Maximum	14	.173	
Minimum	1.2	.015	

Fourmile Creek (71.9 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	12	.167	4.4
2	6.6	.092	1.0
3	5.4	.075	.4
4	5.0	.070	.4
5	4.5	.062	.5
6	4.5	.062	.5
7	2.9	.040	.1
8	2.3	.032	.2
9	2.0	.023	.4
10	1.5	.021	.1
11	1.3	.018	.09
12	1.1	.015	.5
13	.98	.014	.1
14	.98	.014	.07
15	1.1	.015	.07
16	.98	.014	.06
17	.78	.011	.04
18	.72	.010	.1
19	.66	.009	.09
20	.62	.008	.09
21	.56	.008	.1
22	.51	.007	.1
23	.51	.007	.1
24	.44	.006	.09
25	.40	.005	.07
26	.38	.005	.05
27	.36	.005	.04
28	.35	.005	.03
29	.35	.005	.02
30	.30	.004	.03
31	.35	.005	.04
Total			9.57
Mean	1.72	.023	
Maximum	12	.167	
Minimum	.30	.004	

Missouri Flat Creek (27.5 square miles)			
Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	2.4	.087	0.4
2	1.8	.065	.2
3	1.2	.044	.1
4	1.0	.036	.1
5	.99	.036	.09
6	.87	.032	.09
7	.59	.021	.02
8	.46	.017	.02
9	.38	.014	.02
10	.36	.013	.03
11	.37	.013	.01
12	.30	.011	.01
13	.30	.011	.01
14	.30	.011	.06
15	.30	.011	.02
16	.25	.009	.05
17	.23	.008	.01
18	.19	.007	.01
19	.17	.006	.01
20	.17	.006	.009
21	.16	.005	.05
22	.14	.005	.05
23	.11	.004	.02
24	.10	.004	.007
25	.10	.004	.02
26	.07	.003	.01
27	.07	.002	.005
28	.07	.002	.007
29	.06	.002	.009
30	.07	.002	.01
31	.11	.004	.02
Total			1.17
Mean	0.12	.015	
Maximum	2.4	.087	
Minimum	.06	.002	

June 1940

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	1.2	.015	0.1
2	1.4	.017	.2
3	1.4	.017	.3
4	1.2	.015	.2
5	.99	.012	.2
6	.81	.010	.2
7	.99	.012	.2
8	1.1	.014	.2
9	1.1	.014	.1
10	.99	.012	.09
11	.84	.010	.08
12	.69	.008	.07
13	.43	.005	.06
14	.29	.004	.05
15	.26	.003	.04
16	.32	.004	.05
17	.28	.003	.04
18	.28	.003	.04
19	.20	.002	.03
20	.10	.001	.02
21	.05	.001	.01
22	.03	.000	.006
23	.04	.000	.005
24	.04	.000	.004
25	.02	.000	.003
26	.01	.000	.002
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total			2.300
Mean	0.503	.006	
Maximum	1.4	.017	
Minimum	0	0	

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.32	.004	0.03
2	.35	.005	.03
3	.36	.005	.03
4	.30	.004	.03
5	.25	.003	.02
6	.20	.003	.02
7	.37	.005	.06
8	.75	.010	.08
9	.61	.008	.08
10	.36	.005	.06
11	.30	.004	.04
12	.20	.004	.03
13	.10	.001	.01
14	.08	.001	.008
15	.06	.001	.007
16	.04	.000	.006
17	.04	.000	.005
18	.02	.000	.004
19	.02	.000	.003
20	.01	.000	.001
21	0	0	0
22	0	0	0
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
Total			0.594
Mean	0.148	.002	
Maximum	.75	.010	
Minimum	0	0	

Date	Mean Daily Discharge		Suspended Matter Tons per Day
	CFS	sq. mi.	
1	0.10	.004	0.02
2	.10	.004	.02
3	.10	.004	.02
4	.07	.002	.02
5	.04	.001	.01
6	.02	.001	.01
7	.11	.004	.01
8	.08	.003	.009
9	.04	.001	.008
10	.02	.001	.007
11	.01	.000	.005
12	.01	.000	.003
13	.01	.000	.001
14	.01	.000	.001
15	.01	.000	.001
16	.01	.000	.001
17	.01	.000	.001
18	.01	.000	.001
19	.01	.000	.001
20	.01	.000	.001
21	.01	.000	.001
22	.01	.000	.001
23	.01	.000	.001
24	0	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	.01	.000	.001
Total			0.134
Mean	0.027	.001	
Maximum	.11	.004	
Minimum	0	0	

COMPARATIVE DISCHARGE HYDROGRAPHS

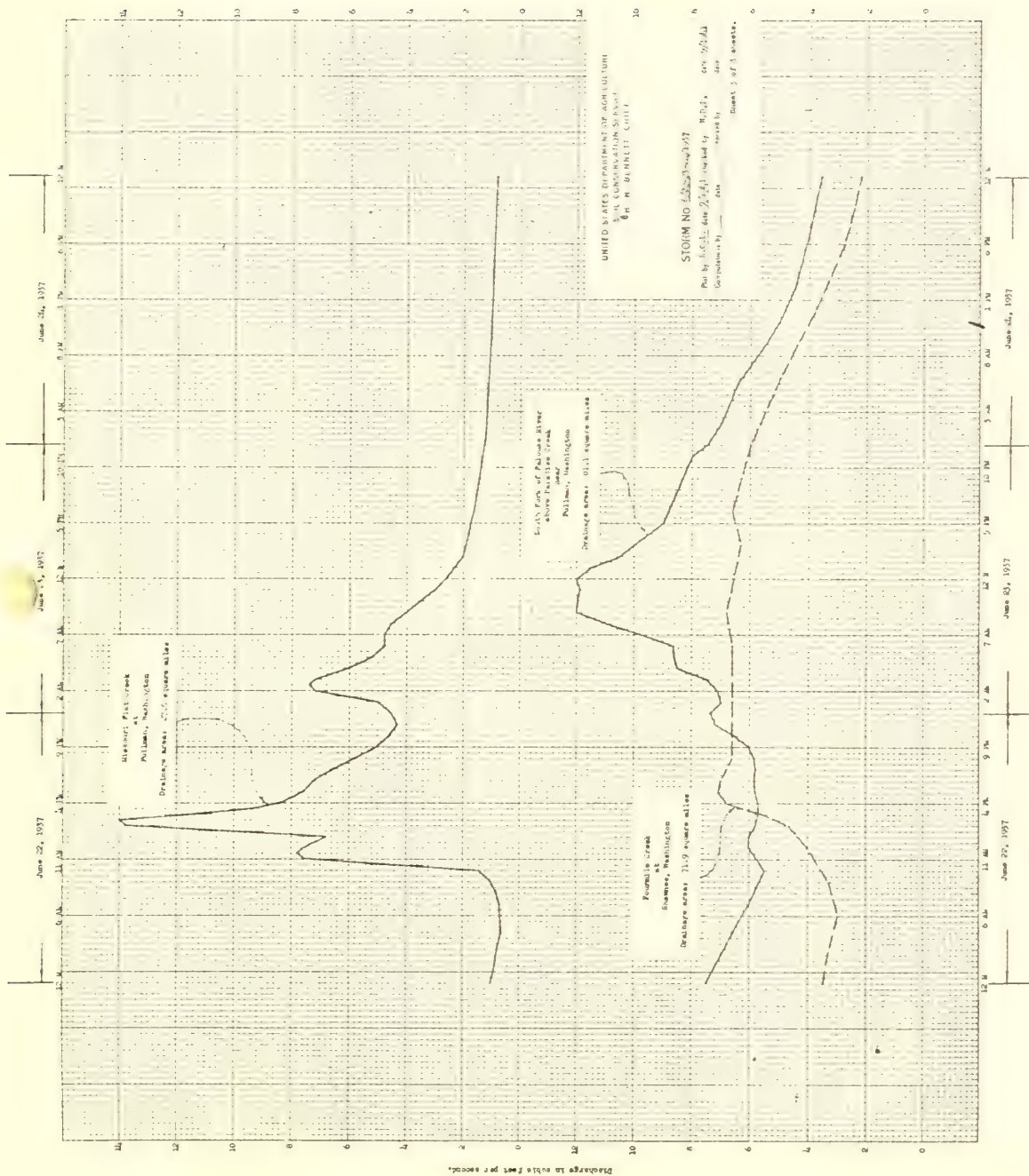
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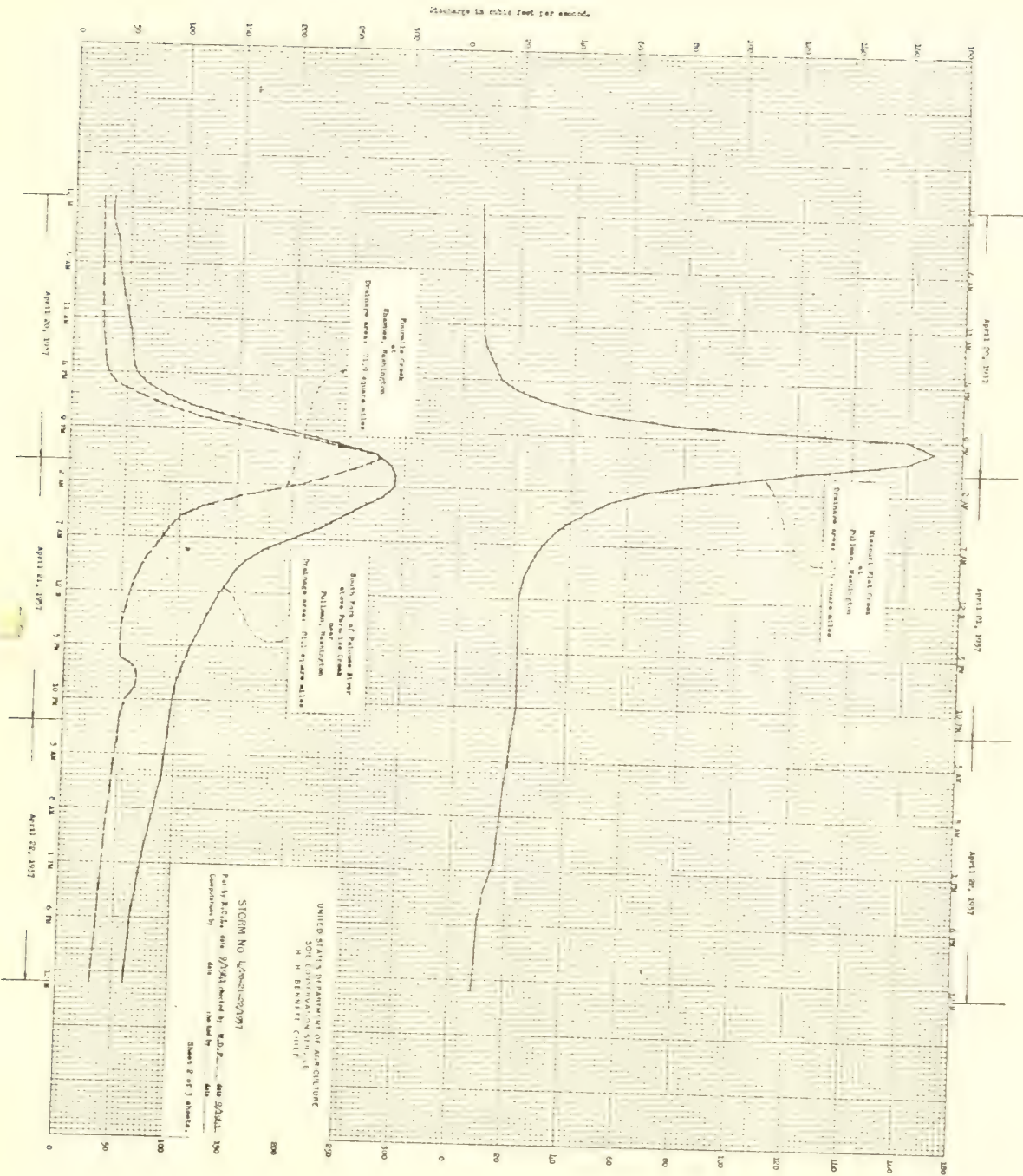
SOUTH FORK PALOUSE RIVER

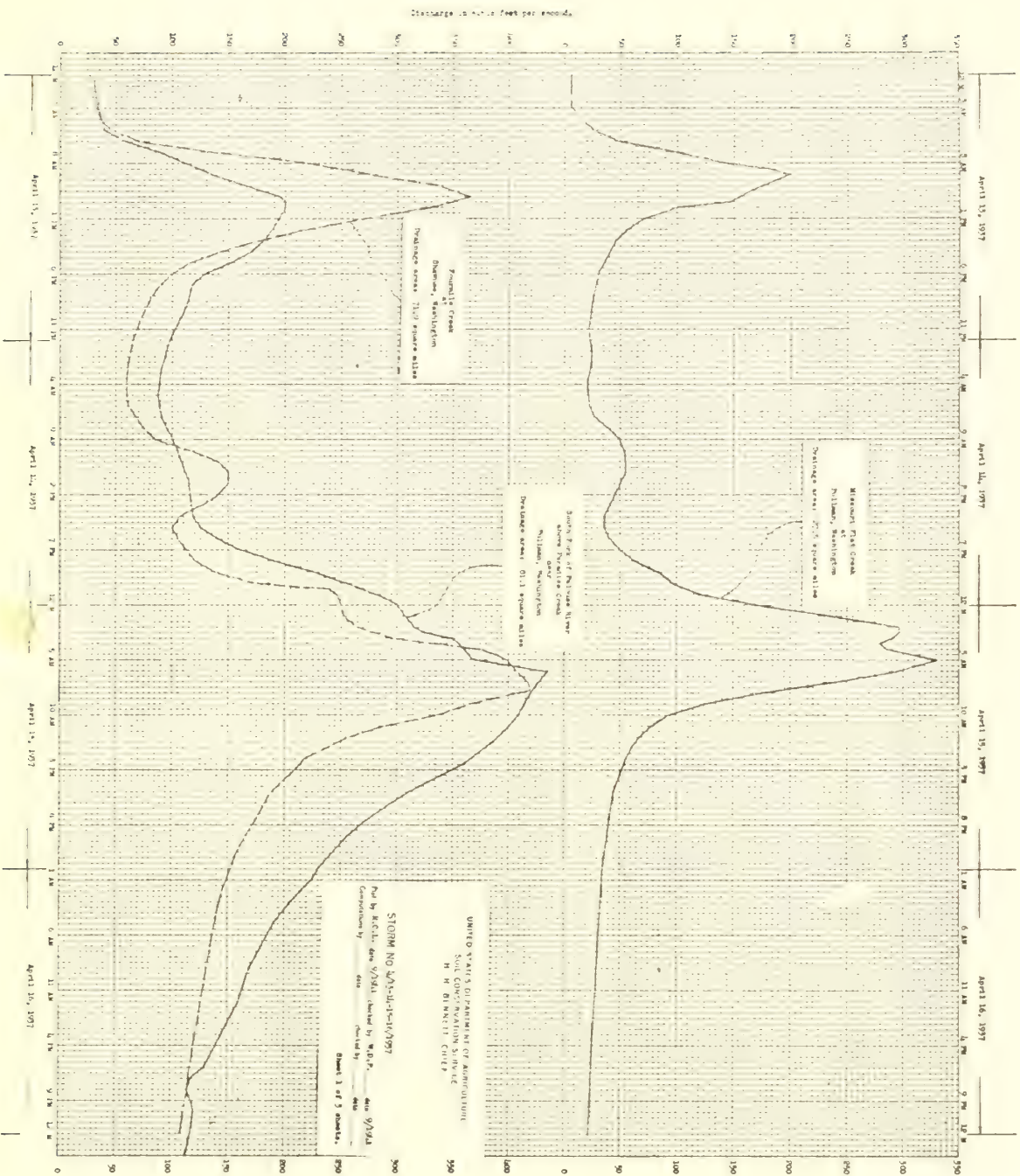
FOURMILE CREEK

AND MISSOURI FLAT CREEK

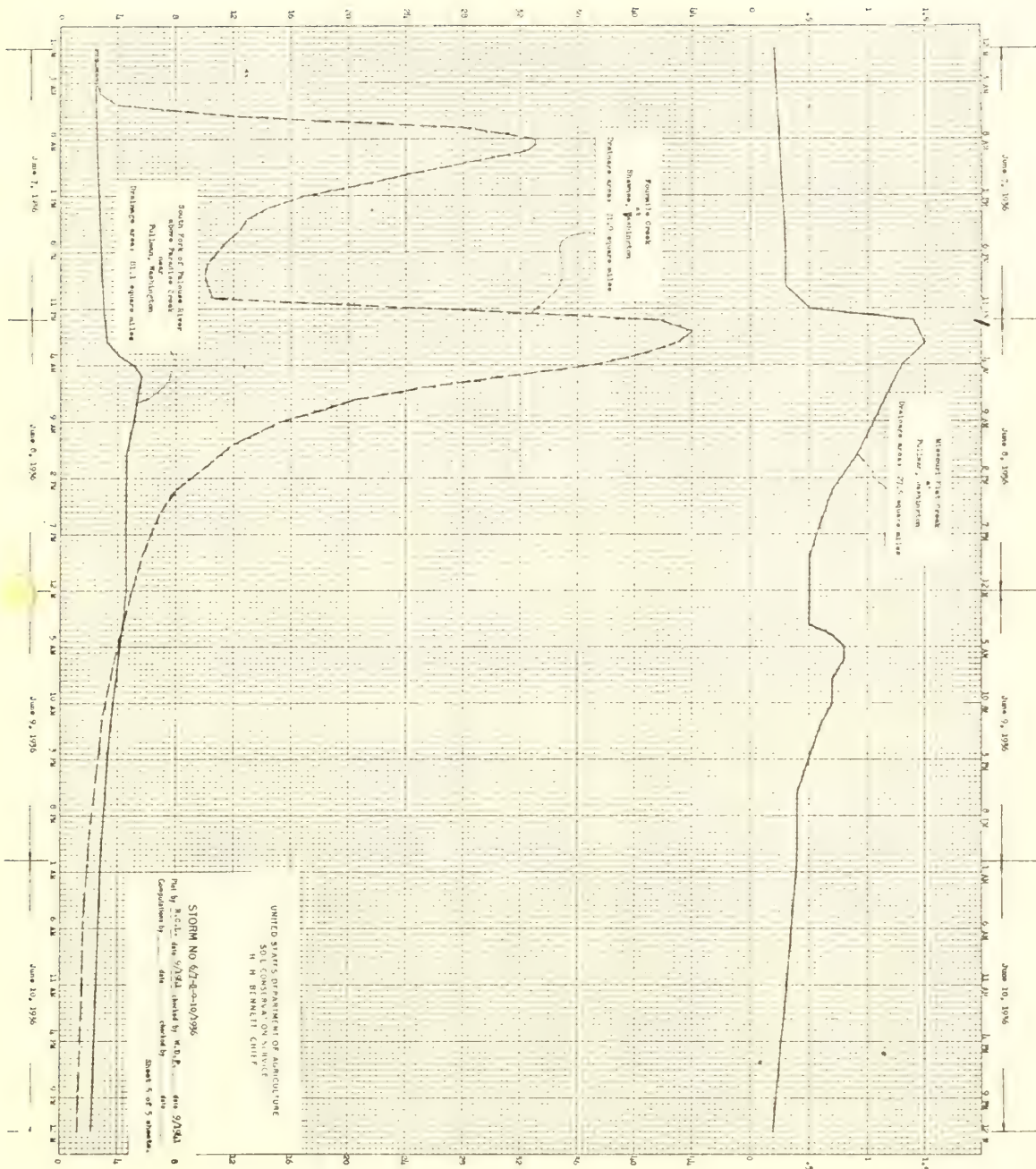
1935 to 1937





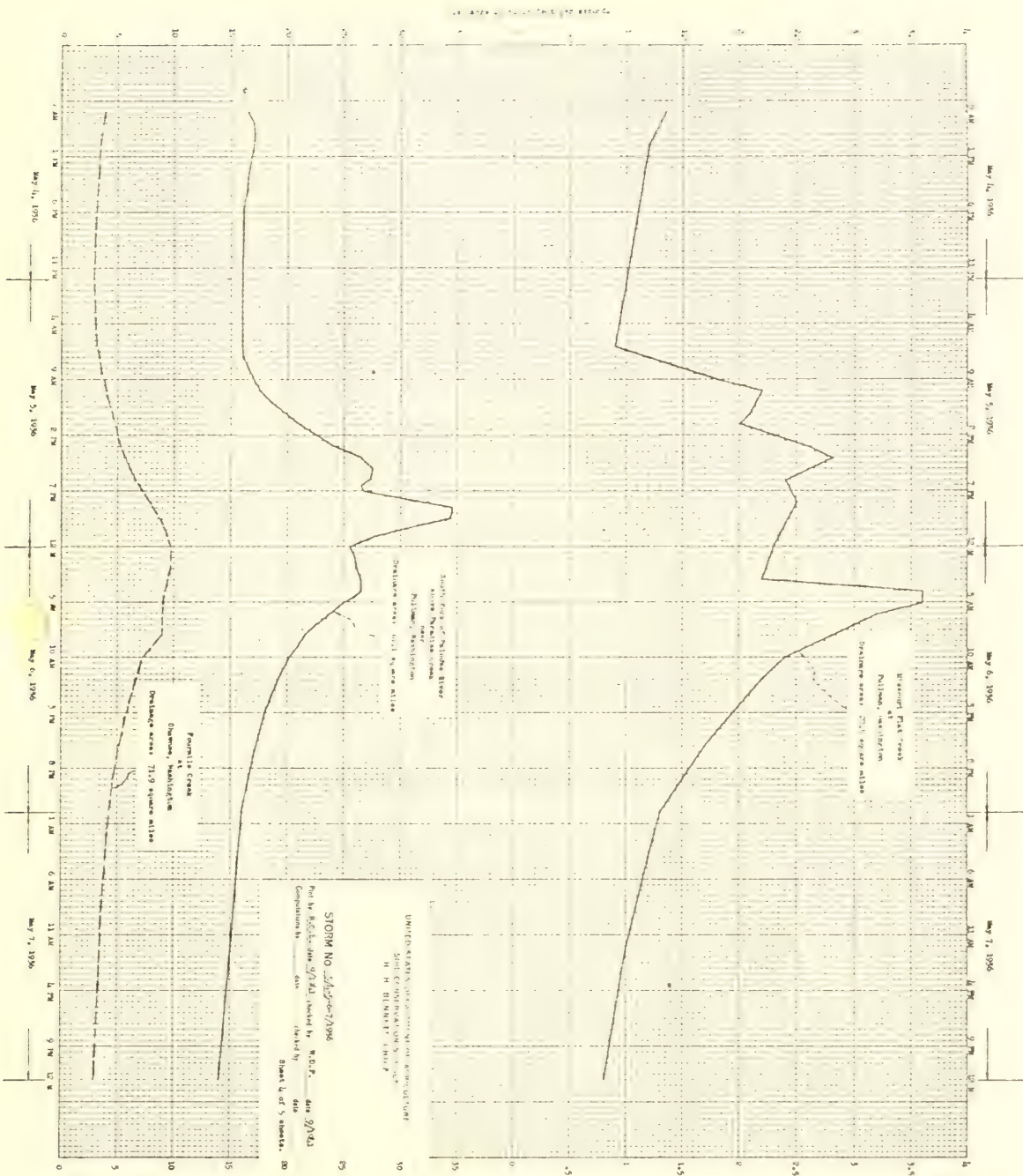


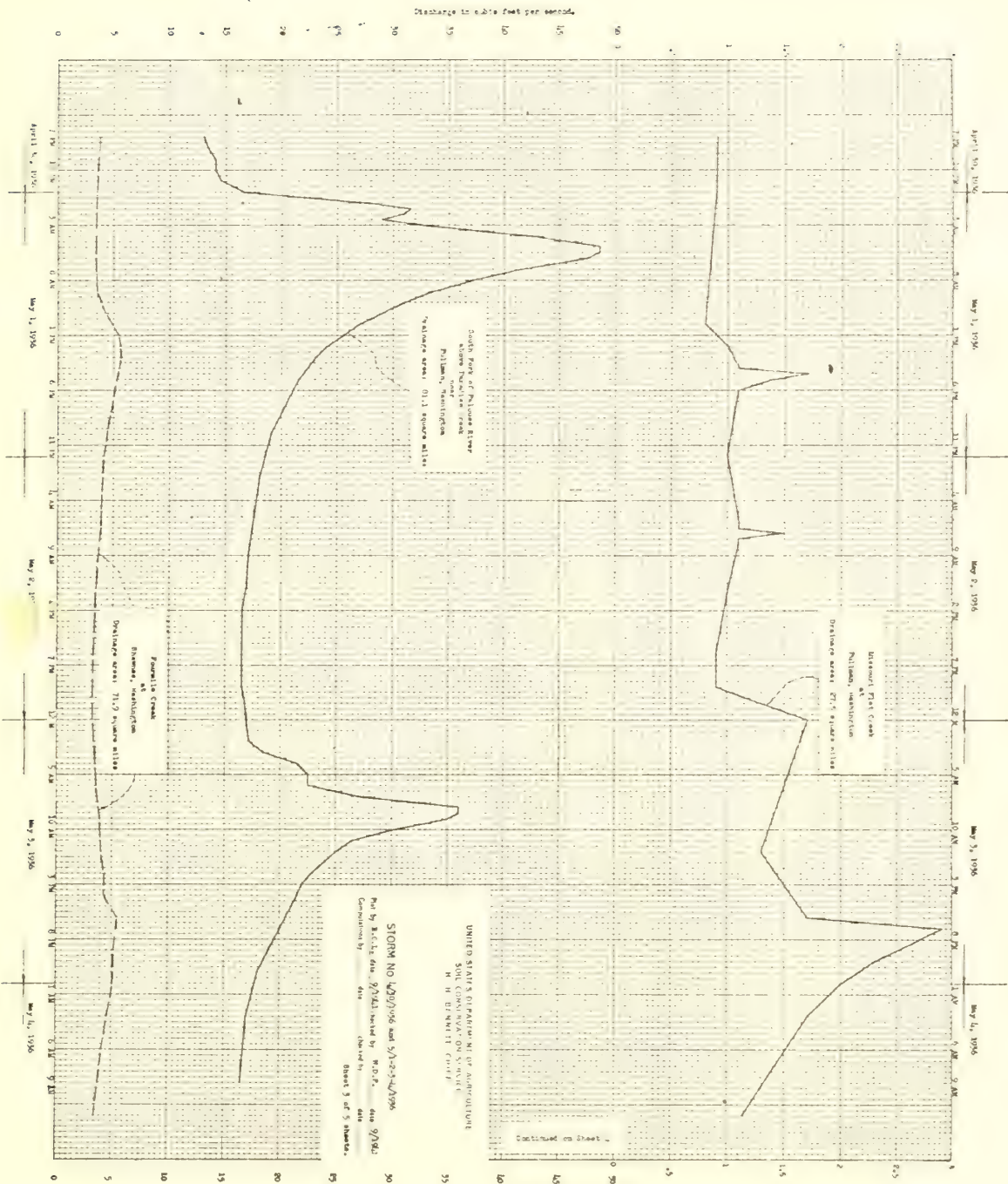
Discharge in cubic feet per second



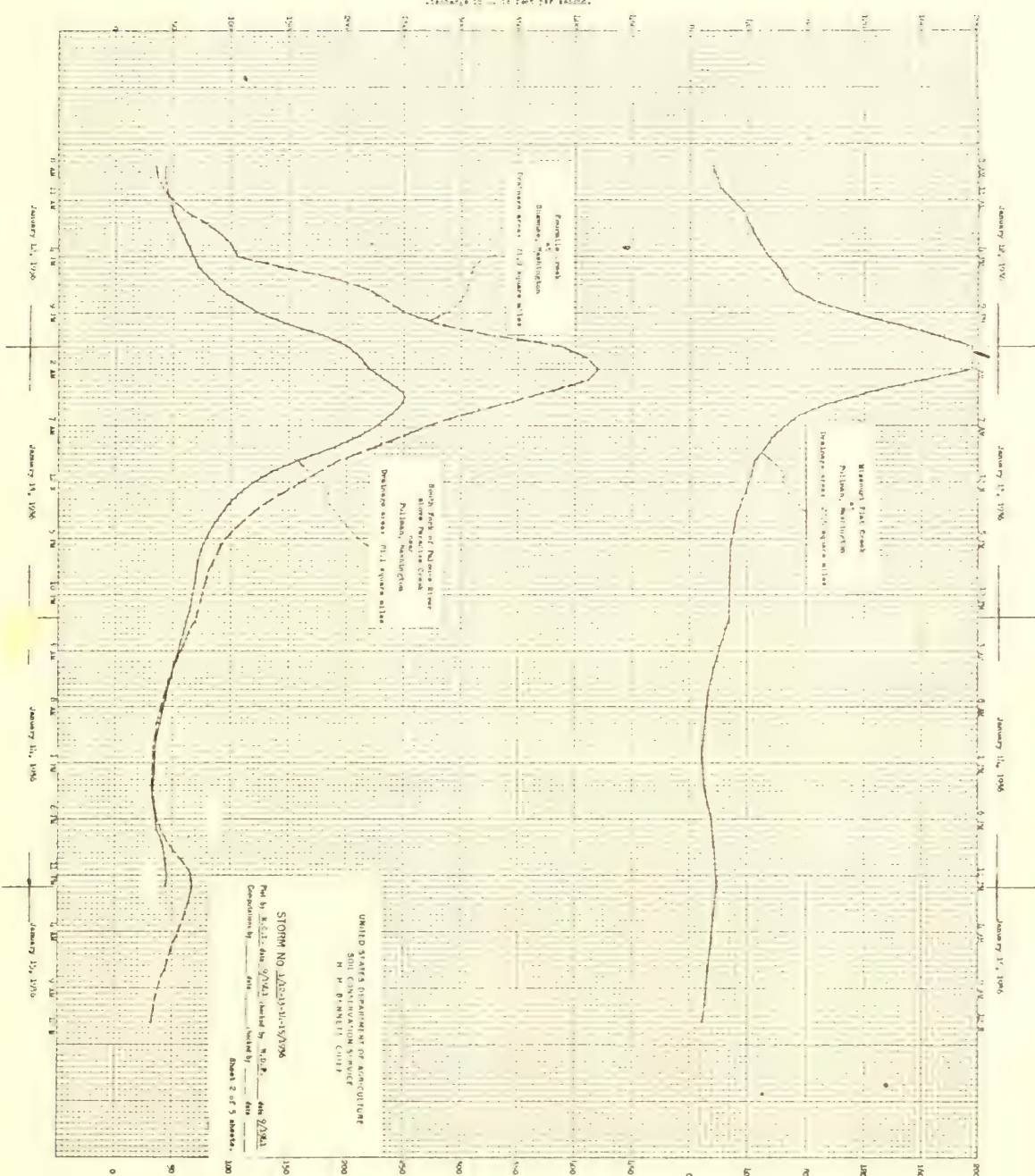
UNITED STATES DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 H. H. BIRNELL, CHIEF

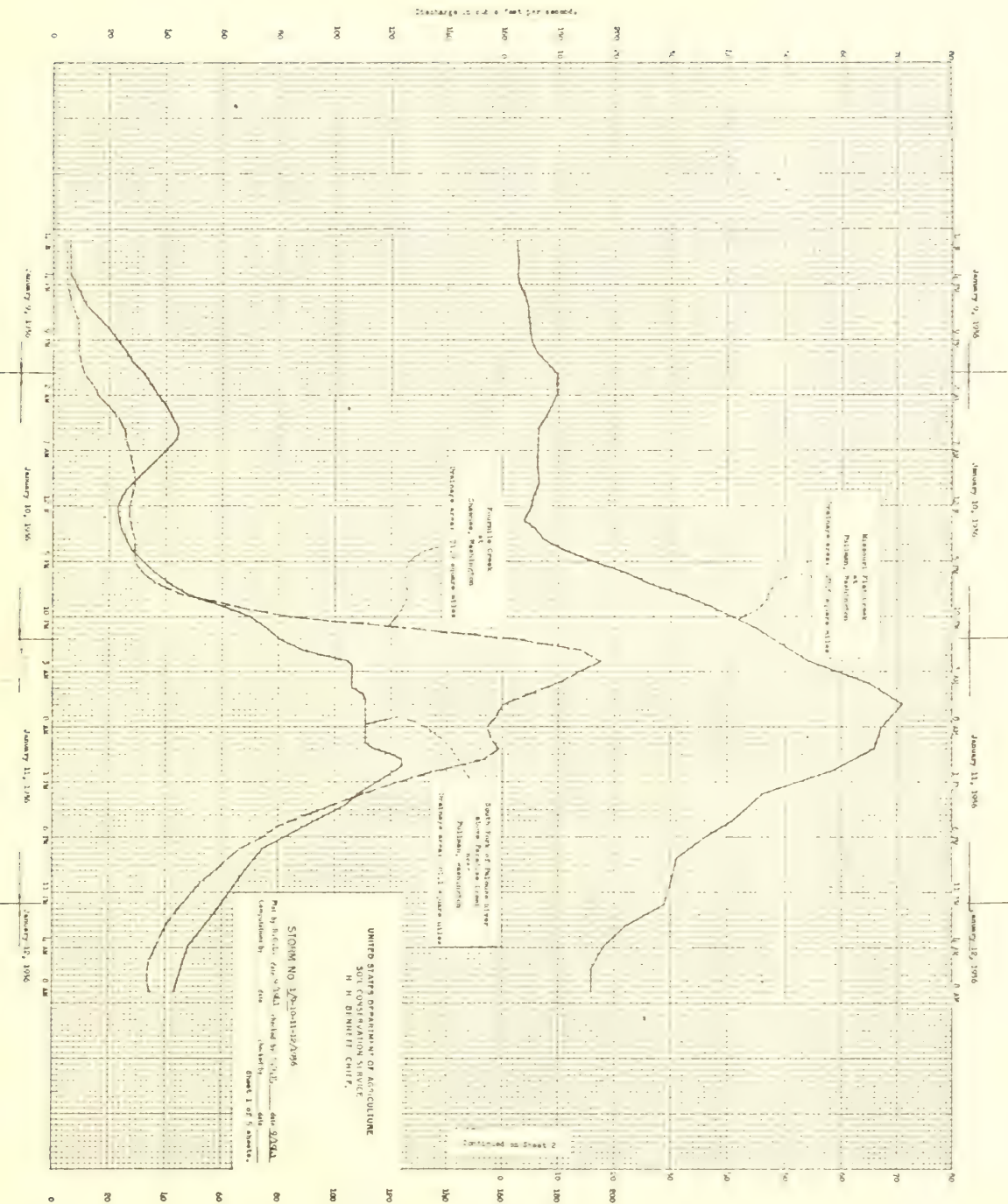
STORM NO. 67-4-10/1936
 Plot by R.C.L. and V.J.A. checked by W.D.P. and J.M.A.
 Computations by _____ date _____ checked by _____
 Sheet 6 of 5 sheets.



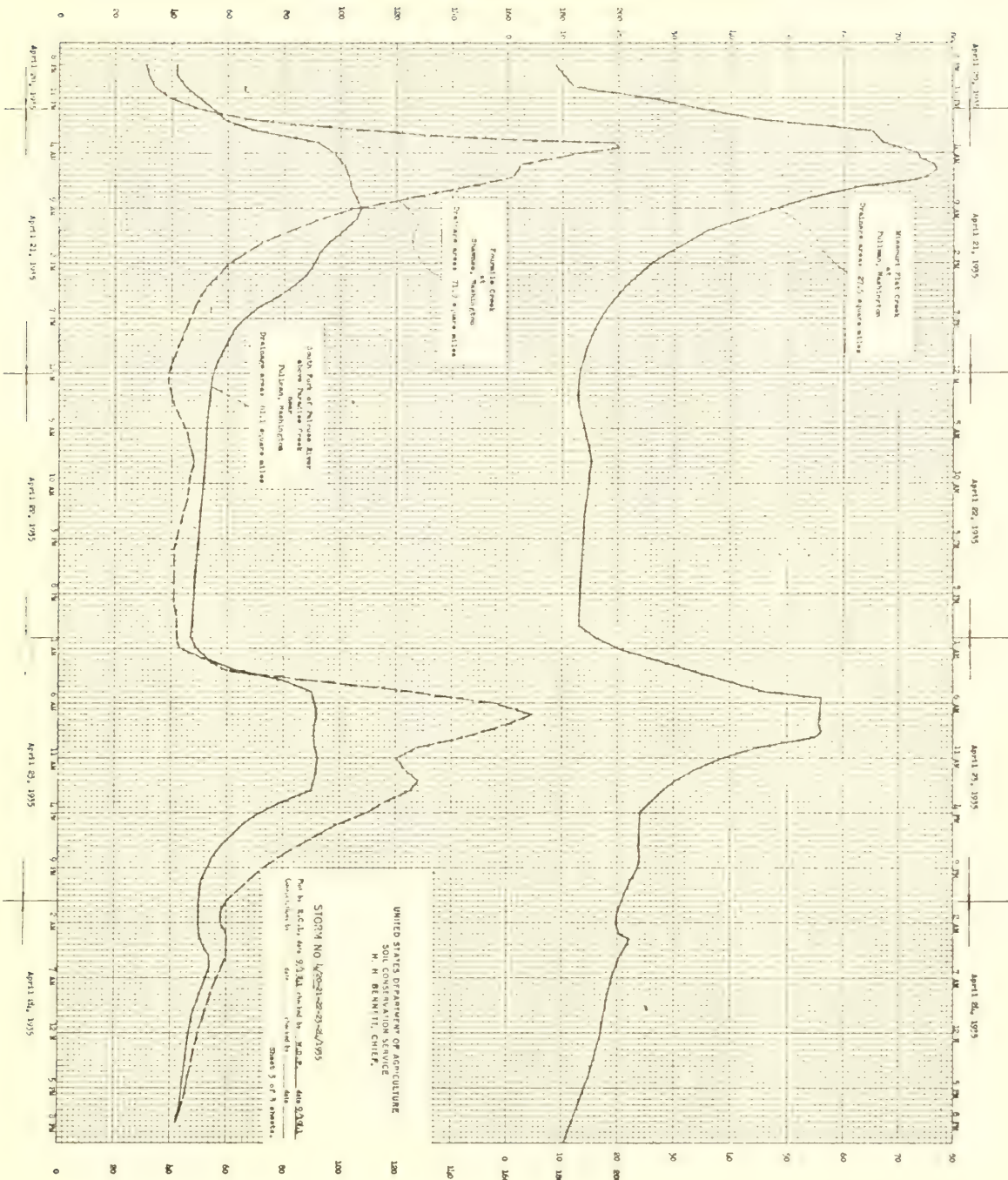


Discharge is in feet per second.

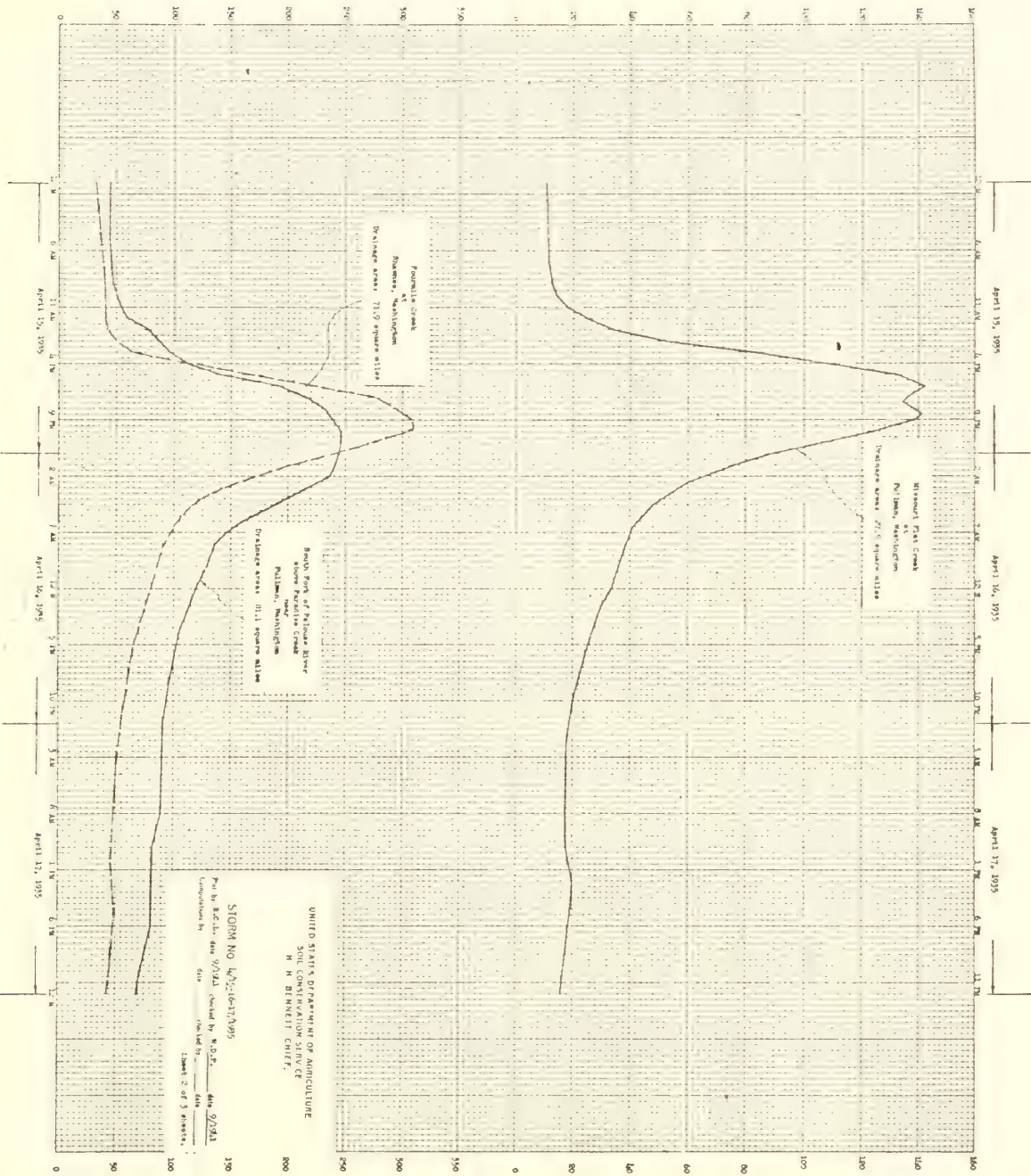




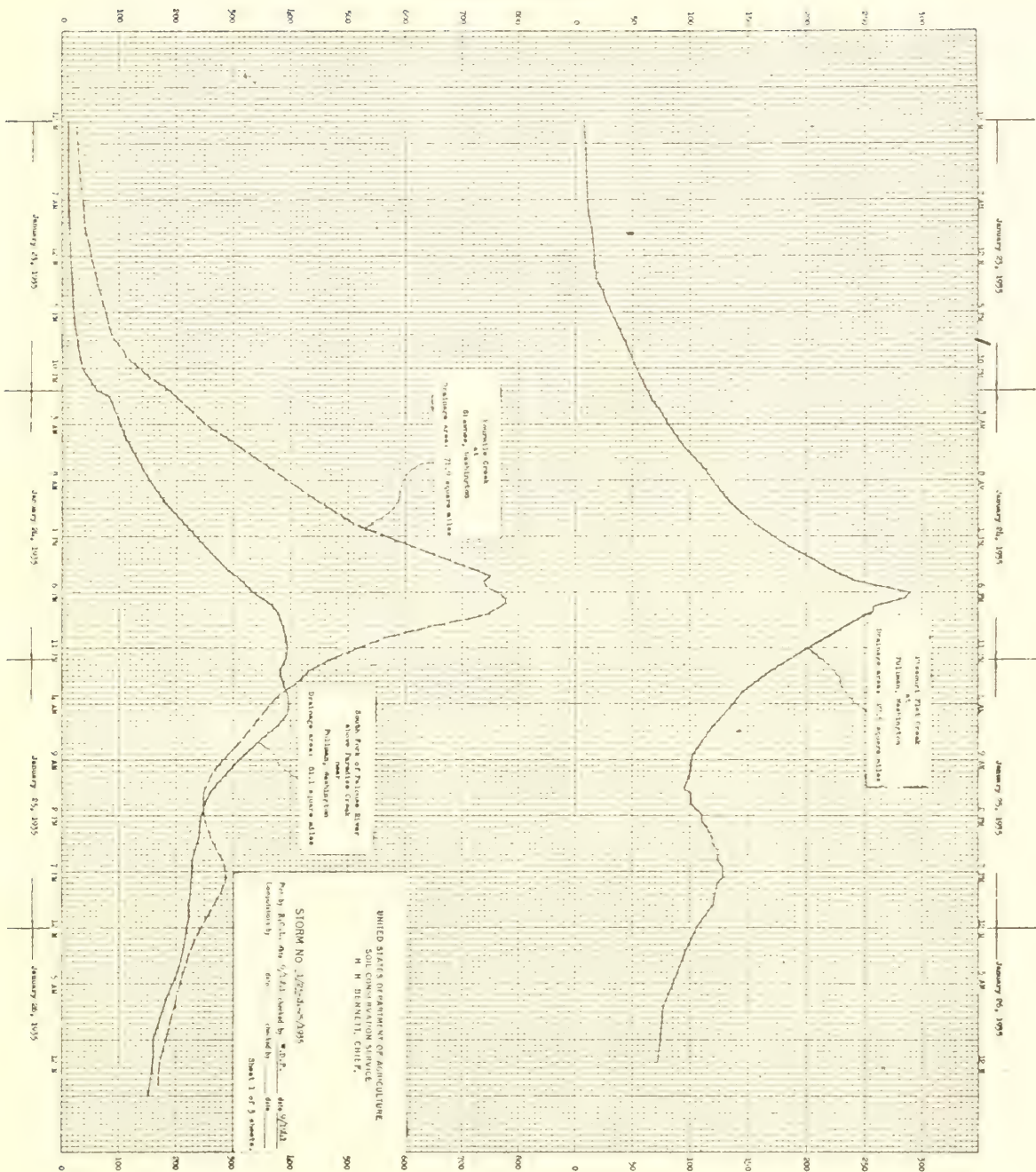
Discharge in cubic feet per second.



Discharge in cubic feet per second.



Direction is in miles per hour.



APPENDIX A

CONSERVATION SURVEY

OF

SOUTH FORK PALOUSE RIVER

FOURTH CREEK

AND MISSOURI FLAT CREEK

CONSERVATION SURVEY
FOUR MILE CREEK WATERSHED

Survey completed;—April 1940

Table 1 -- Distribution of the erosion groups in each soil group

Soil group	A slopes (less than 3 percent)		B slopes (3-15 percent)		C slopes (15-30 percent)		D slopes (30-40 percent)		E slopes (40 percent and over)		Total
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres
Dark-colored upland soils	0	—	13,804	39.2	18,365	52.1	2,591	7.3	479	1.4	35,239
Light-colored upland soils	4	0.3	135	9.4	456	31.7	286	19.8	559	38.8	1,440
Terraced soil.....	588	99.7	2	.3	0	—	0	—	0	—	590
Bottom lands.....	4,041	81.6	908	18.3	2	(1)	3	.1	0	—	4,954
Rough stony land.....	0	—	83	4.3	595	30.7	1,009	52.2	247	12.8	1,934
Entire area.....	4,633	10.5	14,932	33.8	19,418	44.0	3,889	8.8	1,235	2.9	44,157

(1)
Less than 0.1 percent.

Table 2— Distribution of erosion groups in each soil group

Soil group	Recent alluvial and colluvial deposits		Slight erosion		Moderate erosion		Moderately severe erosion		Severe erosion		Total
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres
Dark-colored upland soils.	0	—	5,162	14.6	9,176	26.0	17,852	50.7	3,049	8.7	35,239
Light-colored upland soils	0	—	1,096	76.1	185	12.8	152	10.6	7	.5	1,440
Terrace soil.....	0	—	590	100.0	0	—	0	—	0	—	590
Bottom lands.....	21	0.4	4,930	99.5	3	.1	0	—	0	—	4,954
Rough stony land.....	0	—	148	7.6	941	48.7	365	18.9	480	24.8	1,934
Entire area.....	21	(1)	11,926	27.1	10,305	23.3	18,369	41.6	3,536	8.0	44,157

(1)
Less than 0.1 percent.

Table 3— Distribution of the land use classes in each soil group

Soil group	Cropland		Pasture		Woodland		Farmyards and urban areas		Total
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres
Dark-colored upland soils.....	33,892	96.2	565	1.6	474	1.3	303	0.9	35,239
Light-colored upland soils.....	357	24.8	249	17.3	823	57.1	11	.8	1,440
Terrace soil	552	93.6	18	3.0	1	.2	19	3.2	590
Bottom lands.....	4,057	81.9	673	13.6	171	3.4	53	1.1	4,954
Rough stony land.....	13	.7	1,667	86.2	253	13.1	1	(1)	1,934
ENTIRE area.....	38,871	88.0	3,172	7.2	1,722	3.9	392	.9	44,157

(1)
Less than 0.1 percent.

CONSERVATION SURVEY
FOUR MILE CREEK WATERSHED

Survey Completed: April 1940

Table 4—Distribution of the erosion groups in each slope class

Erosion group	A slopes (less than 3 percent)		B slopes (3-15 percent)		C slopes (15-30 percent)		D slopes (30-40 percent)		E slopes (40 percent and over)		Entire watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Recent alluvial and colluvial deposits	21	0.5	0	—	0	—	0	—	0	—	21	(1)
Slight erosion.....	4,612	99.5	5,515	36.9	480	2.5	456	11.7	863	67.2	11,926	27.1
Moderate erosion....	0	—	8,931	59.9	703	3.6	601	15.5	70	5.4	10,305	23.3
Moderately severe erosion.....	0	—	407	2.7	15,166	78.1	2,445	62.9	351	27.3	18,369	41.6
Severe erosion.....	0	—	79	.5	3,069	15.8	387	9.9	1	.1	3,536	8.0
Total.....	4,633	100.0	14,932	100.0	19,418	100.0	3,889	100.0	1,285	100.0	44,157	100.0

(1)
Less than 0.1 percent.

Table 5—Distribution of the land use classes in each slope class

Land use class	A slopes (less than 3 percent)		B slopes (3-15 percent)		C slopes (15-30 percent)		D slopes (30-40 percent)		E slopes (40 percent and over)		Entire Watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Cropland.....	3,756	81.1	14,244	95.4	18,267	93.8	2,374	61.1	290	22.6	38,871	88.0
Pasture.....	650	14.0	262	1.8	930	4.8	1,156	29.7	174	13.5	3,172	7.2
Woodland.....	164	3.5	158	1.0	220	1.1	359	9.2	821	63.9	1,722	3.9
Farmyards and urban areas.....	63	1.4	268	1.8	61	.3	0	—	0	—	392	.9
Total.....	4,633	100.0	14,932	100.0	19,418	100.0	3,889	100.0	1,285	100.0	44,157	100.0

Table 6—Distribution of the erosion groups in each land use class

Erosion group	Cropland		Pasture		Woodland		Farmyards and urban areas		Entire Watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Recent alluvial and colluvial deposits.....	21	(1)	0	—	0	—	0	—	21	(1)
Slight erosion.....	8,828	22.7	1,218	38.4	1,525	88.5	355	90.6	11,926	27.1
Moderate erosion.....	9,125	23.5	1,007	31.7	144	8.4	29	7.4	10,305	23.3
Moderately severe erosion.....	17,838	45.9	484	15.3	39	2.3	8	2.0	18,369	41.6
Severe erosion.....	3,059	7.9	463	14.6	14	.8	0	—	3,536	8.0
Total.....	38,871	100.0	3,172	100.0	1,722	100.0	392	100.0	44,157	100.0

(1)
Less than 0.1 percent.

CONSERVATION SURVEY
FOUR MILE CREEK WATERSHED

Survey Completed:-April 1940

Table 7—Acreage and percentage of each soil group and type

Soil group and type	Area	
	Acres	Percent
Dark-colored upland soils:		
Brownlee loam.....	1,187	2.7
Palouse silt loam.....	24,896	56.4
Palouse silt loam, shallow phase.....	553	1.3
Palouse silty clay loam.....	2,504	5.7
Staley silt loam.....	62	.1
Thatuna silt loam.....	5,534	12.5
Thatuna silty clay loam.....	593	1.1
Total.....	35,229	79.8
Light-colored upland soils:		
Deary silt loam.....	845	1.9
Moscow loam.....	266	.6
Vassar loam.....	266	.6
Vassar silt loam.....	53	.1
Total.....	1,430	3.2
Terrace soil:		
Snow silt loam.....	590	1.3
Bottom lands:		
Caldwell silt loam.....	2,160	4.9
Chamber silt loam.....	2,129	4.8
Latah silt loam.....	559	1.3
St. Joe silt loam.....	100	.3
Total.....	4,948	11.3
Rough stony land.....	1,924	4.4
Total.....	44,157	100.0

Table 8—Acreage and percentage of each erosion group and class

Erosion group and class	Area	
	Acres	Percent
Recent alluvial and colluvial deposits:		
+.....	21	(1)
Slight erosion:		
1.....	11,560	26.2
17.....	36	.1
0.....	330	.8
Total.....	11,926	27.1
Moderate erosion:		
2.....	10,397	23.1
27.....	108	.2
Total.....	10,505	23.3
Moderately severe erosion:		
22.....	18,284	41.4
227.....	85	.2
Total.....	18,369	41.6
Severe erosion:		
3.....	3,535	8.0
37.....	1	(1)
Total.....	3,536	8.0
Total.....	44,157	100.0

(1) Less than 0.1 percent.

CONSERVATION SURVEY
MISSOURI FLAT CREEK WATERSHED

Survey completed:--Dec. 1938

Table 1 - - Distribution of the slope classes in each soil group

Soil group	A slopes (less than 3 percent)		B slopes (3-15 percent)		BB slopes (15-30 percent)		C slopes (30-40 percent)		D slopes (40 percent) and over)		Total Acres
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	
Dark-colored upland soils...	1	(1)	6,529	33.9	9,582	57.0	553	3.3	210	0.3	16,805
Light-colored upland soils..	0	—	20	29.4	18	26.5	30	44.1	0	—	68
Soils on terraces.....	264	76.1	83	23.9	0	—	0	—	0	—	347
Soils on flood plains.....	1,642	99.2	13	.8	0	—	0	—	0	—	1,655
Rough stony land.....	0	—	4	3.6	43	38.7	55	49.6	9	8.1	111
Entire watershed.....	1,907	10.0	6,649	35.0	9,643	50.8	638	3.4	149	.8	18,986

(1)

Less than 0.1 percent.

Table 2 - - Distribution of the erosion groups in each soil group

Soil group	No apparent erosion		Slight erosion		Moderate erosion		Severe erosion		Total Acres
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	
Dark-colored upland soils.....	1,612	9.6	4,100	24.4	10,789	64.2	304	1.8	16,805
Light-colored upland soils.....	67	98.5	1	1.5	0	—	0	—	68
Soils on terraces.....	347	100.0	0	—	0	—	0	—	347
Soils on flood plains.....	1,594	96.3	61	3.7	0	—	0	—	1,655
Rough stony land.....	2	1.8	33	29.7	76	68.5	0	—	111
Entire watershed.....	3,622	19.1	4,195	22.1	10,865	57.2	304	1.6	18,986

Table 3 - - Distribution of the land use classes in each soil group

Soil group	Cropland		Pasture		Woodland		Farmyards and urban areas		Total Acres
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	
Dark-colored upland soils.....	15,684	93.4	341	2.0	236	1.4	544	3.2	16,805
Light-colored upland soils.....	1	1.5	22	32.3	45	66.2	0	—	68
Soils on terraces.....	347	100.0	0	—	0	—	0	—	347
Soils on flood plains.....	1,347	81.4	247	14.9	0	—	61	3.7	1,655
Rough stony land.....	0	—	96	86.5	0	—	15	13.5	111
Entire watershed.....	17,379	91.5	706	3.7	281	1.5	620	3.3	18,986

CONSERVATION SURVEY
MISSOURI FLAT CREEK WATERSHED

Survey completed:-Dec.1938

Table 4—Distribution of the erosion groups in each slope class

Erosion group	A slopes (less than 3 percent)		B slopes (3-15 percent)		BB slopes (15-30 percent)		C slopes (30-40 percent)		D slopes (40 percent and over)		Entire Watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
No apparent erosion.....	1,846	96.8	1,286	19.3	322	3.3	38	6.1	130	87.2	3,622	19.1
Slight erosion.....	61	3.2	3,851	57.9	246	2.6	35	5.5	2	1.4	4,195	22.1
Moderate erosion.....	0	—	1,414	21.3	8,884	92.1	550	86.1	17	11.4	10,865	57.2
Severe erosion.....	0	—	98	1.5	191	2.0	15	2.3	0	—	304	1.6
Total.....	1,907	100.0	6,649	100.0	9,643	100.0	638	100.0	149	100.0	18,986	100.0

Table 5— Distribution of the land use classes in each slope class

Land use class	A slopes (less than 3 percent)		B slopes (3-15 percent)		BB slopes (15-30 percent)		C slopes (30-40 percent)		D slopes (40 percent and over)		Entire watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Cropland.....	1,600	83.9	6,181	93.0	9,059	93.9	531	83.1	8	5.4	17,379	91.5
Pasture.....	246	12.9	74	1.1	317	3.3	58	9.2	11	7.4	706	3.7
Woodland.....	0	—	24	.4	97	1.0	30	4.7	130	87.2	281	1.5
Farmyards and urban areas.....	61	3.2	370	5.5	170	1.8	19	3.0	0	—	620	3.2
Total.....	1,907	100.0	6,649	100.0	9,643	100.0	638	100.0	149	100.0	18,986	100.0

Table 6—Distribution of the erosion groups in each land use class

Erosion group	Cropland		Pasture		Woodland		Farmyards and urban areas		Entire Watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
No apparent erosion.....	2,803	16.1	551	78.0	263	95.4	0	—	3,622	19.1
Slight erosion.....	3,496	20.1	66	9.4	13	4.6	620	100.0	4,195	22.1
Moderate erosion.....	10,776	62.0	89	12.6	0	—	0	—	10,865	57.2
Severe erosion.....	304	1.8	0	—	0	—	0	—	304	1.6
Total.....	17,379	100.0	706	100.0	281	100.0	620	100.0	18,986	100.0

Project: S.C.S. - Wash. - 1
Pullman, Wash.

Survey Completed:-Dec. 1938

CONSERVATION SURVEY
MISSOURI FLAT CREEK WATERSHED

Table 7- - Acreage of each soil group and type

Soil group and type	Area
	<u>Acres</u>
Dark-colored upland soils:	
Brownlee loam.....	794
Palouse silt loam.....	12,849
Palouse silt loam, shallow phase...	130
Palouse silty clay loam, shallow phase.....	635
Staley silt loam.....	0
Thatuna silty clay loam.....	97
Thatuna silt loam.....	2,250
Total.....	<u>16,655</u>
Light-colored upland soils:	
Benewah silt loam.....	0
Deary silt loam.....	43
Moscow silt loam.....	25
Vassar silt loam.....	0
Total.....	<u>68</u>
Soils on terraces:	
Koster silt loam.....	64
Snow silt loam.....	283
Total.....	<u>347</u>
Soils on flood plains:	
Caldwell silt loam.....	1,031
Caldwell silty clay loam.....	0
Chamber silt loam.....	331
Latah silt loam.....	245
Latah silty loam.....	21
St. Joe loam.....	27
Total.....	<u>1,655</u>
Rough stony land.....	<u>111</u>
Total.....	<u>18,986</u>

CONSERVATION SURVEY
SOUTH FORK PALOUSE RIVER WATERSHED

Table 1- -Distribution of the slope classes in each soil group

Soil group	A slopes (less than 3 percent)		B Slopes (3-15 percent)		BB slopes (15-30 percent)		C slopes (30-40 percent)		D slopes (40 percent and over)		Total
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres
Dark-colored upland soils.	53	0.1	14,466	37.8	18,712	49.0	2,768	7.2	2,235	5.9	38,234
Light-colored upland soils	0	—	406	10.4	1,341	34.4	131	3.4	2,019	51.8	3,897
Soils on terraces.....	586	59.8	380	38.7	15	1.5	0	—	0	—	981
Soils on flood plains.....	3,468	95.7	157	4.3	0	—	0	—	0	—	3,625
Rough stony land.....	0	—	35	19.1	102	55.8	13	7.1	33	18.0	183
Entire watershed.....	4,107	8.8	15,444	32.9	20,170	43.0	2,912	6.2	4,287	9.1	46,920

Table 2- -Distribution of the erosion groups in each soil group

Soil group	No apparent erosion		Slight erosion		Moderate erosion		Severe erosion		Total
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres
Dark-colored upland soils.....	5,452	14.2	10,145	26.5	21,356	55.9	1,281	3.4	38,234
Light-colored upland soils.....	2,773	71.2	575	14.7	517	13.3	32	.8	3,897
Soils on terraces.....	916	93.4	65	6.6	0	—	0	—	981
Soils on flood plains.....	3,484	96.1	141	3.9	0	—	0	—	3,625
Rough stony land.....	51	27.9	88	48.1	44	24.0	0	—	183
Entire watershed.....	12,676	27.0	11,014	23.5	21,917	46.7	1,313	2.8	46,920

Table 3- -Distribution of the land use classes in each soil group

Soil group	Cropland		Pasture		Woodland		Farmyards and urban areas		Total
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres
Dark-colored upland soils.....	32,973	86.2	2,500	6.5	2,312	6.1	449	1.2	38,234
Light-colored upland soils.....	1,076	27.6	446	11.4	2,361	60.6	14	.4	3,897
Soils on terraces.....	935	95.3	0	—	0	—	46	4.7	981
Soils on flood plains.....	2,976	82.1	486	13.4	58	1.6	105	2.9	3,625
Rough stony land.....	0	—	179	97.8	0	—	4	2.2	183
Entire watershed.....	37,960	80.9	3,611	7.7	4,731	10.1	618	1.3	46,920

CONSERVATION SURVEY
SOUTH FORK PALOUSE RIVER WATERSHED

Survey completed:-Dec. 1938

Table 4— Distribution of the erosion groups in each slope class

Erosion group	A slopes (less than 3 percent)		B slopes (3-15 percent)		BB slopes (15-30 percent)		C Slopes (30-40 percent)		D slopes (40 percent and over)		Entire watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
No apparent erosion.....	3,933	95.8	2,390	15.5	1,643	8.2	960	33.0	3,750	87.5	12,676	27.0
Slight erosion..	174	4.2	8,912	57.7	1,360	6.7	416	14.3	152	3.5	11,014	23.5
Moderate erosion	0	—	3,945	25.5	16,123	79.9	1,474	50.6	375	8.8	21,917	46.7
Severe erosion..	0	—	197	1.3	1,044	5.2	62	2.1	10	.2	1,313	2.8
Total.....	4,107	100.0	15,444	100.0	20,170	100.0	2,912	100.0	4,287	100.0	46,920	100.0

Table 5—Distribution of the land use classes in each slope class

Land use class	A slopes (less than 3 percent)		B slopes (3-15 percent)		BB slopes (15-30 percent)		C slopes (30-40 percent)		D slopes (40 percent and over)		Entire watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
Cropland.....	3,445	83.9	14,649	94.8	17,948	89.0	1,541	52.9	377	8.8	37,960	80.9
Pasture.....	470	11.5	320	2.1	1,489	7.4	900	30.9	432	10.1	3,611	7.7
Woodland.....	39	.9	107	.7	636	3.1	471	16.2	3,478	81.1	4,731	10.1
Farmyards and urban areas...	153	3.7	368	2.4	97	.5	0	—	0	—	618	1.3
Total.....	4,107	100.0	15,444	100.0	20,170	100.0	2,912	100.0	4,287	100.0	46,920	100.0

Table 6—Distribution of the erosion groups in each land use class

Erosion group	Cropland		Pasture		Woodland		Farmyards and urban areas		Entire watershed	
	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent	Acres	Percent
No apparent erosion.....	5,557	14.6	2,420	67.0	4,697	99.3	2	0.3	12,676	27.0
Slight erosion.....	9,279	24.5	1,088	30.1	31	.6	616	99.7	11,014	23.5
Moderate erosion.....	21,811	57.5	103	2.9	3	.1	0	—	21,917	46.7
Severe erosion.....	1,313	3.4	0	—	0	—	0	—	1,313	2.8
Total.....	37,960	100.0	3,611	100.0	4,731	100.0	618	100.0	46,920	100.0



Project: S. C. S. - Wash. - 1
Pullman, Wash.

Survey completed:-Dec. 1938

CONSERVATION SURVEY
SOUTH FORK PALOUSE RIVER WATERSHED

Table 7—Acreage of each soil group and type

Soil group and type	Area
	<u>Acres</u>
Dark-colored upland soils:	
Brownlee loam.....	5,648
Palouse silt loam.....	25,104
Palouse silt loam, shallow.....	
phase.....	223
Palouse silty clay loam, shallow.....	
phase.....	694
Staley silt loam.....	133
Thatuna silty clay loam.....	394
Thatuna silt loam.....	6,223
Total.....	<u>28,424</u>
Light-colored upland soils:	
Benewah silt loam.....	285
Deary silt loam.....	1,860
Moscow silt loam.....	993
Vassar silt loam.....	759
Total.....	<u>3,897</u>
Soils on terraces:	
Koster silt loam.....	453
Snow silt loam.....	528
Total.....	<u>981</u>
Soils on flood plains:	
Caldwell silt loam.....	1,715
Caldwell silty clay loam.....	542
Chamber silt loam.....	492
Latah silt loam.....	468
Latah silty clay loam.....	121
St. Joe loam.....	287
Total.....	<u>3,625</u>
Rough stony land.....	183
Total.....	<u>46,920</u>

APPENDIX B

CONSERVATION OPERATIONS REPORT

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT
ON

1-408
#3016

WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name South Fork Palouse
Project Wash-1, Moscow, Idaho Area of watershed 51,904 Acres 31.1 Sq. Mi.
Date of report 3-14-39 Number of farms in watershed* 228
Report for crop year 1934 Acres of farms in watershed* 51,904

Clean-tilled crops, acres 15,962
Peas, acres 12,460 Fallow 3502

Erosion-resisting crops, acres 362
First-year sweet clover, acres** 362
Second-year sweet clover, acres** 0

Semi-erosion resisting crops, acres 19,399
Winter wheat, acres 16,198
Spring grain 3,102
Misc. Crops 99

Approved rotations, acres 776

TOTAL CROPLAND, ACRES 35,723
TOTAL PASTURE OR RANGE LAND, ACRES 4,640
Native grass 2,101
Seeded grass 2,539

LAND USE TOTAL PERMANENT HAYLAND 3,994
Alfalfa 2,394
Alfalfa & grass 1,231
Seeded waterways 369

TOTAL WOODLAND 5,576
Native woodland 5,506
Planted woodland 70

TOTAL OTHER LAND 1,971

CROP RESIDUE UTILIZATION Grain residues left standing over winter, acres 3,136
Grain residues properly utilized over winter 1,893
Grain residues burned 14,370
Pea residues properly utilized over winter, acres 958
Pea residues burned 11,502

Acres of deep tillage 250

Number of farms under agreement 65 Acres of farms under agreement 16,835

GULLY CONTROL OPERATIONS WATER DEVELOPMENT OPERATIONS
Seeding and sodding, SQ.YDs. 575,960 Retention dams No. 0
Other planting, Sq. Yds. 0 Retention dams Ac.Ft. 0
Temporary dams, No. 1,254 Springs and wells developed 0
Permanent dams, No. 0

* All units entirely or partly within watershed
** Sweet clover alone or with grass

REMARKS: See "Notes" Sheet 20
Sheet 1 of 22 Sheets.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT
ON
WATERSHED ABOVE STREAM GAGING STATION

1-408
#3016

Region <u>9</u>	Watershed Name <u>South Fork Palouse</u>
Project <u>Wash-1, Moscow, Idaho</u>	Area of watershed <u>51,904</u> Acres <u>51,154</u> Sq. Mi.
Date of report <u>3-14-39</u>	Number of farms in watershed* <u>228</u>
Report for crop year <u>1935</u>	Acres of farms in watershed* <u>51,904</u>

Clean-tilled crops, acres	14,529
Peas, acres <u>11,195</u>	
Fallow <u>3,334</u>	

Erosion-resisting crops, acres	505
First-year sweet clover, acres** <u>101</u>	
Second-year sweet clover, acres** <u>404</u>	

Semi-erosion resisting crops, acres	18,984
Winter wheat, acres <u>15,864</u>	
Spring grain <u>3,069</u>	
Misc. Crops <u>51</u>	

Approved rotations, acres 2,234

	TOTAL CROPLAND, ACRES	34,018
	TOTAL PASTURE OR RANGE LAND, ACRES	4,844
	Native grass <u>2,093</u>	
	Seeded grass <u>2,751</u>	
LAND USE	TOTAL PERMANENT HAYLAND	5,512
	Alfalfa <u>2,391</u>	
	Alfalfa & grass <u>2,599</u>	
	Seeded waterways <u>522</u>	
	TOTAL WOODLAND	5,610
	Native woodland <u>5,506</u>	
	Planted woodland <u>104</u>	
	TOTAL OTHERLAND	1,920

CROP RESIDUE UTILIZATION	Grain residues left standing over winter, acres	3,180
	Grain residues properly utilized over winter	2,393
	Grain residues burned	13,411
	Pea residues properly utilized over winter, acres	1,041
	Pea residues burned	10,154
	Acres of deep tillage	77

Number of farms under agreement <u>138</u>	Acres of farms under agreement <u>51,904</u>
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GULLY CONTROL OPERATIONS	WATER DEVELOPMENT OPERATIONS
Seeding and sodding, Sq. Yds. <u>1,330,000</u>	Retention dams No. <u>0</u>
Other planting, Sq. Yds. <u>180</u>	Retention dams Ac. Ft. <u>0</u>
Temporary dams, No. <u>2,540</u>	Springs and wells developed <u>0</u>
Permanent dams, No. <u>6</u>	

* All units entirely or partly within watershed
** Sweet clover alone or with grass

REMARKS: See "Notes" Sheet 20

Sheet 2 of 22 Sheets.

1-3698

* All units entirely or partly within watershed Remarks;- See "Notes" Sheet 20
** Sweet clover alone or with grass Sheet 3 of 22 Sheets.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT

1-408
#3016

ON
WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name South Fork Palouse
Project Wash-1, Moscow, Idaho Area of watershed 51,904 Acres 31.1 Sq.Mi.
Date of report 2-14-39 Number of farms in watershed* 223
Report for crop year- 1937 Acres of farms in watershed* 51,904

Clean-tilled crops, acres 12,021
Peas, acres 8,390 Fallow 3,631

Erosion-resisting crops, acres 1,311
First-year sweet clover, acres** 426
Second-year sweet clover, acres** 885

Semi-erosion resisting crops, acres 21,169
Winter wheat, acres 13,395
Spring grain 7,674
Misc. Crops 100

Approved rotations, acres 4,610

LAND USE

TOTAL CROPLAND, ACRES 34,501
TOTAL PASTURE OR RANGE LAND, ACRES 4,613
Native grass 2,075
Seeded grass 2,538
TOTAL PERMANENT HAYLAND 5,400
Alfalfa 1,582
Alfalfa & grass 3,217
Seeded waterways 601
TOTAL WOODLAND 5,603
Native woodland 5,495
Planted woodland 108
TOTAL OTHER LAND 1,787

CROP
RESIDUE
UTILIZATION

Grain residues left standing over winter, acres 5,923
Grain residues properly utilized over winter 8,394
Grain residues burned 6,852
Pea residues properly utilized over winter, acres 5,141
Pea residues burned 3,250
Acres of deep tillage 23

Number of farms under agreement 156 Acres of farms under agreement 29,994

GULLY CONTROL OPERATIONS

WATER DEVELOPMENT OPERATIONS

Seeding and sodding, Sq. Yds 1,705,960 Retention dams No. 3
Other planting, Sq.Yds. 2,160 Retention dams Ac.Ft. 2
Temporary dams, No. 3,500 Springs and wells developed 8
Permanent dams, No. 17

* All units entirely or partly within watershed

* * Sweet clover alone or with grass

REMARKS: See "Notes" Sheet 20

Sheet 4 of 22 Sheets.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT

1-408
73016

ON
WATERSHED ABOVE STREAM GAGING STATION

Region	9	Watershed Name	South Fork Palouse
Project	Wash-1, Moscow, Idaho	Area of watershed	51,904 acres 21.1 Sq. Mi.
Date of report	3-14-59	Number of farms in watershed*	228
Report for crop year	1938	Acres of farms in watershed*	51,904

Clean-tilled crops, acres		12,516
Peas, acres	7,589	Fallow 4927

Erosion-resisting crops, acres		1,020
First-year sweet clover, acres**	526	
Second-year sweet clover, acres**	494	

Semi-erosion resisting crops, acres		21,280
Winter wheat, acres	10,866	
Spring grain	10,199	
Misc. Crops	215	
Approved rotations, acres	5,407	

TOTAL CROPLAND, ACRES	34,816
TOTAL PASTURE OR RANGE LAND, ACRES	4,479
Native grass	2,062
Seeded grass	2,417

LAND USE

TOTAL PERMANENT HAYLAND	5,155
Alfalfa	1,441
Alfalfa & grass	3,118
Seeded waterways	596
TOTAL WOODLAND	5,541
Native woodland	5,433
Planted woodland	108
TOTAL OTHER LAND	1,913

CROP

RESIDUE
UTILIZATION

Grain residues left standing over winter, acres	6,410
Grain residues properly utilized over winter	10,371
Grain residues burned	4,499
Pea residues properly utilized over winter, acres	6,578
Pea residues burned	1,011
Acres of deep tillage	80

Number of farms under agreement	158	Acres of farms under agreement	30,044
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GULLY CONTROL OPERATIONS

WATER DEVELOPMENT OPERATIONS

Seeding and sodding, Sq. Yds.	1,695,160	Retention Dams No.	3
Other planting, Sq. Yds.	47,210	Retention dams Ac. Ft.	82
Temporary dams, No.	3,500	Springs and wells developed	10
Permanent dams, No.	19	Remarks: See "Notes" Sheet	20

* All units entirely or partly within watershed
** Sweet clover alone or with grass

Sheet 5 of 22 Sheets.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT

1-408
#3016

ON
WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name South Fork Palouse
Project Wash-1, Moscow, Idaho Area of watershed 51,804 acres 81.1 Sq. Miles
Date of report _____ Number of farms in watershed* 228
Report for crop year 1939 Acres of farms in watershed* 51,804

Clean-tilled crops, acres 12,611
Peas, acres 7,353 Fallow 5,258

Erosion-resisting crops, acres 2,016
First-year sweet clover, acres** 1,424
Second-year sweet clover, acres** 592

Semi-erosion resisting crops, acres 20,139
Winter wheat, acres 11,908
Spring grain 7,847
Misc, Crops 384

Approved rotations, acres 6,470

TOTAL CROPLAND, ACRES 34,766
TOTAL PASTURE OR RANGE LAND, ACRES 4,038
Native grass 1,437
Seeded grass 2,601

LAND USE

TOTAL PERMANENT HAYLAND 5,712
Alfalfa 1,677
Alfalfa & grass 3,174
Seeded waterways 861

TOTAL WOODLAND 5,537
Native woodland 5,479
Planted woodland 58

TOTAL OTHER LAND 1,851

CROP RESIDUE UTILIZATION

Grain residues left standing over winter, acres 4,001
Grain residues properly utilized over winter 16,030
Grain residues burned 108
Pea residues properly utilized over winter, acres 7,353
Pea residues burned _____
Acres of deep tillage 120

Number of farms under agreement 158 Acres of farms under agreement 30,044

GULLY CONTROL OPERATIONS WATER DEVELOPMENT OPERATIONS
Seeding and sodding, sq. Yds. 1,921,215 Retention dams No. 3
Other planting, Sq. Yds. 53,805 Retention dams Ac.Ft. 82
Temporary dams, No. 3,675 Springs and wells developed 1
Permanent dams, No. 24 Remarks: See "Notes" Sheet 20

* All units entirely or partly within watershed.
** Sweetclover alone or with grass. Sheet 6 of 22 Sheets.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT

1-408
#3016

ON

WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name South Fork Palouse
Project Wash-1, Moscow, Idaho Area of watershed 51,904 Acres 51.1 Sq. Mi.
Date of report _____ Number of farms in watershed* 228
Report for crop year 1940 Acres of farms in watershed* 51,904

Clean-tilled crops, acres 14,201
Peas, acres _____ Fallow 1,897
Erosion-resisting crops, acres _____
First-year sweet clover, acres** _____
Second-year sweet clover, acres** _____
Semi-erosion resisting crops, acres 19,313
Winter wheat, acres _____
Spring grain _____
Misc. Crops _____

Approved rotations, acres _____

LAND USE	TOTAL CROPLAND, ACRES	<u>35,411</u>
	TOTAL PASTURE OR RANGE LAND, ACRES	<u>4,009</u>
	Native grass _____	
	SEEDED GRASS _____	
	TOTAL PERMANENT HAYLAND	<u>5,101</u>
	Alfalfa _____	
	Alfalfa & grass _____	
	Seeded waterways _____	
	TOTAL WOODLAND	<u>5,541</u>
	Native woodland _____	
Planted woodland _____		
TOTAL OTHER LAND	<u>1,842</u>	

CROP RESIDUE UTILIZATION	Grain residues left standing over winter, acres	<u>7,483</u>
	Grain residues properly utilized over winter	<u>10,909</u>
	Grain residues burned	<u>921</u>
	Pea residues properly utilized over winter, acres	<u>7,176</u>
	Pea residues burned	<u>1,144</u>
	Acres of deep tillage	<u>60</u>

Number of farms under agreement 158 Acres of farms under agreement 30,044

GULLY CONTROL OPERATIONS
Seeding and sodding, Sq. Yds. 1,962,080
Other planting, Sq. Yds. 61,200
Temporary dams, No. 3,675
Permanent dams, No. 24

WATER DEVELOPMENT OPERATIONS
Retention dams No. 3
Retention dams Ac. Ft. 82
Springs and wells developed 17

* All units entirely or partly within Watershed
** Sweet clover alone or with grass

Remarks: See "Notes" Sheet 20
Sheet 7 of 22 Sheets.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT
ON
WATERSHED ABOVE STREAM GAGING STATION

1-408
#3016

Region 9 Watershed Name Missouri Flat Creek
Project Wash-1, Moscow, Idaho Area of watershed 17,600 Acres 27.5 Sq. Mi.
Date of report 3-14-39 Number of farms in watershed* 74
Report for crop year 1934 Acres of farms in watershed* 17,600

Clean-tilled crops, acres 6,937
Peas, acres 6,432 Fallow 505

Erosion-resisting crops, acres 16
First-year sweet clover, acres** 16
Second-year r sweet clover, acres 0

Semi-erosion resisting crops, acres 7,197
Winter wheat, acres 6,890
Spring grain 307
Misc. Crops 0

Approved rotations, acres 302

LAND USE	TOTAL CROPLAND, ACRES	<u>14,150</u>
	TOTAL PASTURE OR RANGE LAND, ACRES	<u>992</u>
	Native grass <u>502</u>	
	Seeded grass <u>490</u>	
	TOTAL PERMANENT HAYLAND	<u>1,142</u>
	Alfalfa <u>660</u>	
	Alfalfa & grass <u>358</u>	
	Seeded waterways <u>124</u>	
	TOTAL WOODLAND	<u>341</u>
	Native woodland <u>310</u>	
Planted woodland <u>31</u>		
TOTAL OTHER LAND	<u>975</u>	

CROP RESIDUE UTILIZATION	Grain residues left standing over winter, acres	<u>330</u>
	Grain residues properly utilized over winter	<u>592</u>
	Grain residues burned	<u>6,275</u>
	Pea residues properly utilized over winter, acres	<u>329</u>
	Pea residues burned	<u>6,101</u>
	Acres of deep tillage	<u>300</u>

Number of farms under agreement 31 Acres of farms under agreement 7,857

GULLY CONTROL OPERATIONS		WATER DEVELOPMENT OPERATIONS	
Seeding and sodding, Sq. Yds.	<u>464,800</u>	Retention dams No.	<u>0</u>
Other planting, Sq. Yds.	<u>0</u>	Retention dams Ac. Ft.	<u>0</u>
Temporary dams, No.	<u>1,087</u>	Springs and wells developed	<u>0</u>
Permanent dams, No.	<u>0</u>	Remarks: See "Notes"-Sheet	<u>20</u>

* All units entirely or partly within watershed
** Sweet clover alone or with grass

Sheet 8 of 22 Sheets.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT
ON
WATERSHED ABOVE STREAM GAGING STATION

1-408
#3016

Region 9 Watershed Name Missouri Flat Creek
Project Wash-1, Moscow, Idaho Area of watershed 27,500 acres 27.5 Sq. Mi.
Date of report 3-14-37 Number of farms in watershed* 74
Report for crop year 1935 Acres of farms in watershed* 17,600

Clean-tilled crops, acres 6,524
Peas, acres 5,950 Fallow 574

Erosion-resisting crops, acres 368
First-year sweet clover, acres** 70
Second-year sweet clover, acres** 298

Semi-erosion resisting crops, acres 6,704
Winter wheat, acres 6,160
Spring grain 544
Misc. Crops 0

Approved rotations, acres 1,290

TOTAL CROPLAND, ACRES 13,596
TOTAL PASTURE OR RANGE LAND, ACRES 1,009
Native gra ss 481
Seeded grass 528

LAND USE TOTAL PERMANENT HAYLAND 1,740
Alfalfa 612
Alfalfa & grass 931
Seeded waterways 197

TOTAL WOODLAND 356
Native woodland 310
Planted woodland 46
TOTAL OTHER LAND 899

CROP RESIDUE UTILIZATION Grain residues left standing over winter, acres 223
Grain residues properly utilized over winter 880
Grain residues burned 5,601
Pea residues properly utilized over winter, acres 950
Pea residues burned 5,000
Acres of deep tillage 41

Number of farms under agreement 39 Acres of farms under agreement 8,488

GULLY CONTROL OPERATIONS WATER DEVELOPMENT OPERATIONS
Seeding and sodding, Sq. Yds. 822,000 Retention dams No. 0
Other planting, Sq. Yds. 190 Retention dams Ac. Ft. 0
Temporary dams, No. 1,421 Springs and wells developed 0
Permanent dams, No. 7

* All units entirely or partly within watershed
** Sweet clover alone or with grass

Remarks:--See "Notes"--Sheet 20
Sheet 9 of 22 Sheets.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
OPERATIONS REPORT

1-408
#3016

ON
WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name Missouri Flat Creek
Project Wash-1, Moscow, Idaho Area of watershed 17,600 Acres 21.5 Sq.Mi.
Date of report 3-14-39 Number of farms in watershed* 74
Report for crop year 1936 Acres of farms in watershed* 17,600

Clean-tilled crops, acres 6,240
Peas, acres 5,500 Fallow 740

Erosion-resisting crops, acres 702
First-year sweet clover, acres** 90
Second-year sweet clover, acres** 612

Semi-erosion resisting crops, acres 6,301
Winter wheat, acres 5,940
Spring grain 361
Misc. Crops 0

Approved rotations, acres 1,880

LAND USE	TOTAL CROPLAND, ACRES	<u>13,243</u>
	TOTAL PASTURE OR RANGE LAND, ACRES	<u>1,292</u>
	Native grass	<u>474</u>
	Seeded grass	<u>818</u>
	TOTAL PERMANENT HAYLAND	<u>1,827</u>
	Alfalfa	<u>570</u>
	Alfalfa & grass	<u>1,035</u>
	Seeded waterways	<u>222</u>
	TOTAL WOODLAND	<u>356</u>
	Native woodland	<u>310</u>
Planted woodland	<u>46</u>	
TOTAL OTHER LAND	<u>882</u>	

CROP RESIDUE UTILIZATION	Grain residues left standing over winter, acres	<u>92</u>
	Grain residues properly utilized over winter	<u>1,450</u>
	Grain residues burned	<u>4,759</u>
	Pea residues properly utilized over winter, acres	<u>1,132</u>
	Pea residues burned	<u>4,368</u>
	Acres of deep tillage	<u>0</u>

Number of farms under agreement 47 Acres of farms under agreement 10,048

GULLY CONTROL OPERATIONS	WATER DEVELOPMENT OPERATIONS
Seeding and sodding, Sq. Yds. <u>938,200</u>	Retention dams No. <u>0</u>
Other planting, Sq. Yds. <u>3,120</u>	Retention dams Ac.Ft. <u>0</u>
Temporary dams, No. <u>1,535</u>	Springs and wells developed <u>3</u>
Permanent dams, No. <u>7</u>	

* All units entirely or partly within watershed.

** Sweet clover alone or with grass.

Remarks: See "Notes"-Sheet 20

Sheet 10 of 22 Sheets.

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#3016

WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name Missouri Flat Creek
Project Wash.-1, Moscow, Idaho Area of watershed 17,600 acres 27.5 Sq.Mi.
Date of report 3-14-39 Number of farms in watershed* 74
Report for crop year 1937 Acres of farms in watershed* 17,600

Clean-tilled crops, acres 5,305
Peas, acres 4,650 Fallow 655

Erosion-resisting crops, acres 431
First-year sweet clover, acres** 108
Second-year sweet clover, acres** 323

Semi-erosion resisting crops, acres 7,545
Winter wheat, acres 5,160
Spring grain 2,385
Misc. Crops 0
Approved rotations, acres 2,420

LAND USE	TOTAL CROPLAND, ACRES	<u>13,281</u>
	TOTAL PASTURE OR RANGE LAND, ACRES	<u>1,392</u>
	Native grass	<u>447</u>
	Seeded grass	<u>945</u>
	TOTAL PERMANENT HAYLAND	<u>1,665</u>
	Alfalfa	<u>456</u>
	Alfalfa & grass	<u>947</u>
	Seeded waterways	<u>262</u>
	Total Woodland	<u>356</u>
	Native woodland	<u>310</u>
Planted woodland	<u>46</u>	
TOTAL OTHERLAND	<u>906</u>	

CROP RESIDUE UTILIZATION	Grain residues left standing over winter, acres	<u>213</u>
	Grain residues properly utilized over winter	<u>5,070</u>
	Grain residues burned	<u>2,262</u>
	Pea residues properly utilized over winter, acres	<u>904</u>
	Pea residues burned	<u>3,746</u>
	Acres of deep tillage	<u>242</u>

Number of farms under agreement 47 Acres of farms under agreement 10,048

GULLY CONTROL OPERATIONS	WATER DEVELOPMENT OPERATIONS
Seeding and sodding, Sq. Yds. <u>1,180,000</u>	Retention dams No. <u>0</u>
Other planting, Sq. Yds. <u>8,320</u>	Retention dams Ac. Ft. <u>0</u>
Temporary dams, No. <u>1,752</u>	Springs and wells developed <u>4</u>
Permanent dams, No. <u>8</u>	

* All units entirely or partly within watershed. Remarks: See "Notes" Sheet 20
** Sweet clover alone or with grass.

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ON
WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name Missouri Flat Creek
Project Wash-1, Moscow, Idaho Area of watershed 17,600 acres 27.5 Sq.Mi.
Date of report 2-14-39 Number of farms in watershed* 74
Report for crop year 1938 Acres of farms in watershed* 17,600

Clean-tilled crops, acres 4,771
Peas, acres 3,800 Fallow 971

Erosion-resisting crops, acres 488
First-year sweet clover, acres** 334
Second-year sweet clover, acres** 154

Semi-croson resisting crops, acres 8,229
Winter wheat, acres 4,000
Spring grain 3,860
Misc. Crops 369

Approved rotations, acres 2,860

CROP RESIDUE UTILIZATION	LAND USE	TOTAL CROPLAND, ACRES	<u>13,488</u>
		TOTAL PASTURE OR RANGE LAND, ACRES	<u>1,271</u>
		Native grass	<u>424</u>
		Seeded grass	<u>847</u>
		TOTAL PERMANENT HAYLAND	<u>1,569</u>
		Alfalfa	<u>376</u>
		Alfalfa & grass	<u>915</u>
		Seeded waterways	<u>278</u>
		TOTAL WOODLAND	<u>359</u>
		Native woodland	<u>310</u>
	Planted woodland	<u>49</u>	
	TOTAL OTHER LAND	<u>913</u>	

CROP RESIDUE UTILIZATION	Grain residues left standing over winter, acres	<u>262</u>
	Grain residues properly utilized over winter	<u>5,749</u>
	Grain residues burned	<u>1,849</u>
	Pea residues properly utilized over winter, acres	<u>2,650</u>
	Pea residues burned	<u>1,150</u>
	Acres of deep tillage	<u>114</u>

Number of farms under agreement 48 Acres of farms under agreement 10,489

GULLY CONTROL OPERATIONS
Seeding and sodding, Sq. Yds. 1,210,000
Other planting, Sq. Yds. 16,210
Temporary dams, No. 1,752
Permanent dams, No. 8

WATER DEVELOPMENT OPERATIONS
Retention dams No. 0
Retention dams Ac.Ft. 0
Springs and wells developed 6

* All units entirely or partly within watershed. Remarks: See "Notes"-Sheet 20
** Sweet clover alone or with grass.

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Region 9 Watershed Name Missouri Flat Creek
Project Wash-1, Moscow, Idaho Area of watershed 17,600 acres 27.5 Sq. Mi.
Date of report _____ Number of farms in watershed* 74
Report for crop year 1939 Acres of farms in watershed* 17,600

Clean-tilled crops, acres 5,058
Peas, acres 3,995 Fallow 1,063

Erosion-resisting crops, acres 1,006
First-year- sweet clover, acres** 777
Second-year sweet clover, acres** 229

Semi-erosion resisting crops, acres 6,971
Winter wheat, acres 4,469
Spring rain 2,219
Misc. Crops 283

Approved rotations, acres 3,142

TOTAL CROPLAND, ACRES 13,035
TOTAL PASTURE OR RANGE LAND, ACRES 854
Native grass 601
Seeded grass 253

LAND USE TOTAL PERMANENT HAYLAND 1,638
Alfalfa 309
Alfalfa & grass 953
Seeded waterways 371

TOTAL WOODLAND 332
Native woodland 297
Planted woodland 35
TOTAL OTHER LAND 1,741

CROP RESIDUE UTILIZATION Grain residues left standing over winter, acres 640
Grain residues properly utilized over winter 6,331
Grain residues burned _____
Pea residues properly utilized over winter, acres 3,777
Pea residues burned 218
Acres of deep tillage 0

Number of farms under agreement 48 Acres of farms under agreement 10,489

GULLY CONTROL OPERATIONS WATER DEVELOPMENT OPERATIONS
Seeding and sodding, sq. Yds. 1,291,000 Retention dams No. 0
Other planting, Sq. Yds. 19,210 Retention dams Ac. Ft. 0
Temporary dams, No. 1,769 Springs and wells developed 8
Permanent dams, No. 9

* All units entirely or partly within watershed. Remarks: See "Notes" Sheet 20
** Sweetclover alone or with grass. Sheet 13 of 22 Sheets.

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WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name Missouri Flat Creek
Project Wash-1, Moscow, Idaho Area of watershed 17,600 acres 27.5 Sq. Mi.
Date of report _____ Number of farms in watershed* 74
Report for crop year 1940 Acres of farms in watershed* 17,600

Clean-tilled crops, acres 5,671
Peas, acres _____ Fallow _____

Erosion-resisting crops, acres 1,521
First-year sweet clover, acres** _____
Second-year sweet clover, acres** _____

Semi-erosion resisting crops, acres 6,826
Winter wheat, acres _____
Spring grain _____
Misc. Crops _____

Approved rotations, acres _____

TOTAL CROPLAND, ACRES 14,018
TOTAL PASTURE OR RANGE LAND, ACRES 807
Native grass _____
Seeded grass _____

LAND USE
TOTAL PERMANENT HAYLAND 1,529
Alfalfa _____
Alfalfa & grass _____
Seeded waterways _____

TOTAL WOODLAND 317
Native woodland _____
Planted woodland _____
TOTAL OTHER LAND 929

CROP RESIDUE UTILIZATION
Grain residues left standing over winter, acres 2,760
Grain residues properly utilized over winter 3,524
Grain residues burned 532
Pea residues properly utilized over winter, acres 3,917
Pea residues burned 618
Acres of deep tillage 0

Number of farms under agreement 48 Acres of farms under agreement 10,439

GULLY CONTROL OPERATIONS WATER DEVELOPMENT OPERATIONS
Seeding and sodding, sq. Yds. 1,302,000 Retention dams No. 0
Other planting, Sq. Yds. 22,101 Retention dams Ac.Ft. 0
Temporary dams, No. 1,789 Springs and wells developed 11
Permanent dams, No. 9 See-

* All units entirely or partly within watershed. Remarks: "Notes" Sheet 20

** Sweetclover alone or with grass.

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Region 9 Watershed Name Four Mile Creek
Project South Fork Palouse, Wash-1 Area of watershed 46,016 acres 11.9 Sq. Mi.
Date of report 4-22-39 Number of farms in watershed* 175
Report for crop year 1934 Acres of farms in watershed* 46,016

Clean-tilled crops, acres 16,965
Peas, acres 8167 Fallow 8798

Erosion-resisting crops, acres 214
First-year sweet clover, acres** 214
Second-year sweet clover, acres** 214

Semi-erosion resisting crops, acres 17,613
Winter wheat, acres 11,429
Spring grain 5,872
Misc. Crops 312

Approved rotations, acres 218

TOTAL CROPLAND, ACRES 34,792
TOTAL PASTURE OR RANGE LAND, ACRES 3,915
Native grass 3457
Seeded grass 458

LAND USE

TOTAL PERMANENT HAYLAND 3,420
Alfalfa 3124
Alfalfa & grass 90
Seeded waterways 206

TOTAL WOODLAND 2,226
Native woodland 2226
Planted woodland
TOTAL OTHER LAND 1,663

CROP RESIDUE UTILIZATION

Grain residues left standing over winter, acres 4,069
Grain residues properly utilized over winter 2,625
Grain residues burned 10,607

Pea residues properly utilized over winter, acres 2,054
Pea residues burned 6,113

Acres of deep tillage

Number of farms under agreement Acres of farms under agreement

GULLY CONTROL OPERATIONS	WATER DEVELOPMENT OPERATIONS
Seeding and sodding, Sq. Yds. <u>0</u>	Retention dams No. <u>0</u>
Other planting, Sq. Yds. <u>0</u>	Retention dams Ac.Ft. <u>0</u>
Temporary dams, No. <u>0</u>	Springs and wells developed <u>0</u>
Permanent dams, No. <u>0</u>	Remarks: See "Notes" Sheet <u>20</u>

* All units entirely or partly within watershed. Sheet 15 of 22 Sheets.
** Sweet clover alone or with grass.

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Region <u>9</u>	Watershed Name <u>Four Mile Creek</u>
Project <u>South Fork Palouse, Wash-1</u>	Area of watershed <u>46,616</u> acres <u>71.9</u> Sq.Mi.
Date of report <u>4-12-39</u>	Number of farms in watershed* <u>175</u>
Report for crop year <u>1935</u>	Acres of farms in watershed* <u>46,616</u>

Clean-tilled crops, acres	17,989
Peas, acres <u>13,603</u> Fallow <u>4,384</u>	

Erosion-resisting crops, acres	290
First-year sweet clover, acres**	
Second-year sweet clover, acres** <u>290</u>	

Semi-erosion resisting crops, acres	16,736
Winter wheat, acres <u>9403</u>	
Spring grain <u>7104</u>	
Misc. Crops <u>229</u>	
Approved rotations, acres <u>708</u>	

TOTAL CROPLAND, ACRES	35,013
TOTAL PASTURE OR RANGE LAND, ACRES	3,920
Native grass <u>3457</u>	
Seeded grass <u>463</u>	

LAND USE

TOTAL PERMANENT HAYLAND	3,182
Alfalfa <u>2831</u>	
Alfalfa & grass <u>90</u>	
Seeded waterways <u>161</u>	

TOTAL WOODLAND	2,222
Native woodland <u>2222</u>	
Planted woodland	
TOTAL OTHER LAND	1,679

CROP
RESIDUE
UTILIZATION

Grain residues left standing over winter, acres	3,993
Grain residues properly utilized over winter	6,477
Grain residues burned	6,037
Pea residues properly utilized over winter, acres	3,067
Pea residues burned	10,536
Acres of deep tillage	53

Number of farms under agreement	Acres of farms under agreement
---------------------------------	--------------------------------

GULLY CONTROL OPERATIONS	WATER DEVELOPMENT OPERATIONS
Seeding and sodding, Sq. Yds. <u>0</u>	Retention dams No. <u>0</u>
Other planting, Sq. Yds. <u>0</u>	Retention dams Ac.Ft. <u>0</u>
Temporary dams, No. <u>0</u>	Springs and wells developed <u>0</u>
Permanent dams, No. <u>0</u>	Remarks: See "Notes" sheet <u>20</u>

* All units entirely or partly within watershed. **Sweet clover alone or with grass.
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ON
WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name Four Mile Creek
Project South Fork Palouse, Wash-1 Area of watershed 46,016 Acres 71.9 Sq. Mi.
Date of report 4-12-39 Number of farms in watershed* 175
Report for crop year 1936 Acres of farms in watershed* 46,016

Clean-tilled crops, acres 16,480
Peas, acres 12,658 Fallow 3,822

Erosion-resisting crops, acres 522
First-year sweet clover, acres** 522
Second-year sweet clover, acres** 522

Semi-erosion resisting crops, acres 17,978
Winter wheat, acres 8,544
Spring grain 9,210
Misc. Crops 224

Approved rotations, acres 938

USE
LAND

TOTAL CROPLAND, ACRES 34,980
TOTAL PASTURE OR RANGE LAND, ACRES 3,934
Native grass 3,454
Seeded grass 480
TOTAL PERMANENT HAYLAND 3,202
Alfalfa 2,901
Alfalfa & grass 104
Seeded waterways 197
TOTAL WOODLAND 2,224
Native woodland 2,222
Planted woodland 2
TOTAL OTHER LAND 1,676

CROP
RESIDUE
UTILIZATION

Grain residues left standing over winter, acres 4,254
Grain residues properly utilized over winter 7,941
Grain residues burned 5,559
Pea residues properly utilized over winter, acres 3,064
Pea residues burned 2,594
Acres of deep tillage 62

Number of farms under agreement 175 Acres of farms under agreement 46,016

GULLY CONTROL OPERATIONS

WATER DEVELOPMENT OPERATIONS

Seeding and sodding, Sq. Yds. 0 Retention dams NO. 0
Other planting, Sq. Yds. 0 Retention dams Ac.Ft. 0
Temporary dams, No. 0 Springs and wells developed 0
Permanent dams, No. 0 Remarks: See "Notes" Sheet 20
All units entirely or partly within watershed
** Sweet clover alone or with grass.

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1-408
#3016

Region 9 Watershed Name Four Mile Creek
Project South Fork Palouse, Wash-1 Area of watershed 46,016 Acres 71.9 Sq. Mi.
Date of report 4-12-39 Number of farms in watershed* 175
Report for crop year 1937 Acres of farms in watershed* 46,016

Clean-tilled crops, acres 16,460
Peas, acres 13,037 Fallow 3,423

Erosion-resisting crops, acres 543
First-year sweet clover, acres** 543
Second-year sweet clover, acres** 543

Semi-erosion resisting crops, acres 17,953
Winter wheat, acres 7287
Spring grain 10,486
Misc. Crops 180

Approved rotations, acres 1,448

LAND USE	TOTAL CROPLAND, ACRES	<u>34,956</u>
	TOTAL PASTURE OR RANGE LAND, ACRES	<u>3,760</u>
	Native grass	<u>3,440</u>
	Seeded grass	<u>320</u>
	TOTAL PERMANENT HAYLAND	<u>3,424</u>
	Alfalfa	<u>3,155</u>
	Alfalfa & grass	<u>106</u>
	Seeded waterways	<u>163</u>
	TOTAL WOODLAND	<u>2,223</u>
	Native woodland	<u>2,221</u>
Planted woodland	<u>2</u>	
TOTAL OTHER LAND	<u>1,653</u>	

CROP RESIDUE UTILIZATION	Grain residues left standing over winter, acres	<u>5,813</u>
	Grain residues properly utilized over winter	<u>8,890</u>
	Grain residues burned	<u>3,070</u>
	Pea residues properly utilized over winter, acres	<u>2,876</u>
	Pea residues burned	<u>10,161</u>
	Acres of deep tillage	<u>75</u>

Number of farms under agreement 0 Acres of farms under agreement 0

GULLY CONTROL OPERATIONS		WATER DEVELOPMENT OPERATIONS	
Seeding and sodding, Sq. Yds.	<u>2,420</u>	Retention dams No.	<u>0</u>
Other planting, Sq. Yds.	<u>0</u>	Retention dams Ac.Ft.	<u>0</u>
Temporary dams, No.	<u>72</u>	Springs and wells developed	<u>1</u>
Permanent dams, No.	<u>5</u>	Remarks: See "Notes"- Sheet	<u>20</u>

* All units entirely or partly within watershed.
** Sweet clover alone or with grass.

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WATERSHED ABOVE STREAM GAGING STATION

Region 9 Watershed Name Four Mile Creek
Project South Fork Palouse, Wash-1 Area of watershed 46,016 acres 72.9 Sq.Ml.
Date of report 4-12-39 Number of farms in watershed* 175
Report for crop year 1938 Acres of farms in watershed* 46,016

Clear-tilled crops, acres 14,953
Peas, acres 10,577 Fallow 4,376

Erosion-resisting crops, acres 879
First-year sweet clover, acres** 879
Second-year sweet clover, acres** 879

Semi-erosion resisting crops, acres 20,083
Winter wheat, acres 8,436
Spring grain 10,381
Misc. Crops 1,266

Approved rotations, acres 2,612

TOTAL CROPLAND, ACRES 35,915
TOTAL PASTURE OR RANGE LAND, ACRES 3,079
Native grass 2,753
Seeded grass 326

LAND USE TOTAL PERMANENT HAYLAND 3,082
Alfalfa 2,680
Alfalfa & grass 162
Seeded waterways 240

TOTAL WOODLAND 2,230
Native woodland 2,221
Planted woodland 9

TOTAL OTHER LAND 1,710

CROP RESIDUE UTILIZATION Grain residues left standing over winter, acres 8,463
Grain residues properly utilized over winter 9,511
Grain residues burned 2,109
Pea residues properly utilized over winter, acres 3,316
Pea residues burned 7,261
Acres of deep tillage 32

Number of farms under agreement 0 Acres of farms under agreement 0

GULLY CONTROL OPERATIONS WATER DEVELOPMENT OPERATIONS
Seeding and sodding, Sq. Yds. 2,420 Retention dams No. 0
Other planting, Sq. Yds. 0 Retention dams Ac.Ft. 0
Temporary dams, No. 72 Springs and wells developed 1
Permanent dams, No. 5 Remarks: See "Notes"-Sheet 20

* All units entirely or partly within watershed.
** Sweet clover alone or with grass.

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N O T E S

1. The item "Number of farms in watershed" refers to total number of farm units lying either wholly or partially within the watershed.

Land use and treatment data for all farms in the watershed have been reported. It is believed that data as submitted for every acre in the watershed will present a complete picture of conditions affecting soil and water loss.

2. Acres of farms in watershed includes total acres actually occurring in watershed only.
3. Clean tilled crops. Very little intertilled cropland occurs in this area. Peas and fallow fall in the clean tilled class as both leave the soil unprotected during the erosion period.
4. Erosion resisting crops. First and second year sweet clover seeded alone or with grass. When second year sweet clover is plowed the soil is usually left in such a rough condition, and there is such an abundance of crude organic material incorporated into the soil that the condition is erosion resistant.
- 5.- Semi-erosion resisting crops. Includes grain crops where crop is of such a nature and handled in such a manner as to provide a fair protection against erosion.
6. Approved rotations. Cropland on which sweet clover has been seeded in rotation during the past five or six years; and alfalfa and/or grass acres which have been plowed up and definitely included in an approved rotation.

The total of clean tilled crops, erosion resisting crops, semi-erosion resisting crops, which are a combination of practices on crop land, contain no duplications and add up to total acres in crop land.

7. Actual acres only have been reported.

It is hoped that data can be interpreted on the basis of actual cover and treatment conditions which exist on the ground during soil and water loss periods.

8. Decrease in clean tilled crops is not reported as this information is shown by the difference in actual acres in clean tilled crops year by year.

9. Retired from cultivation. Actual conditions on the ground are shown. Variations in cover conditions and land use are also shown.
10. Cropland winter protected. This item reported under crop residue utilization.
11. Contour tillage only, and the combined items including contour tillage, strip cropping, terracing and approved rotations have very little significance in this area. The topography and ownership of this watershed area is such that attempts to build a control program around contour tillage and other combinations of practices as stated above have been only partially successful. All tillage operations are conducted as near on the contour as is possible but very few fields have absolute contour tillage.

Attempts to lay out contour tillage and other systems as indicated above being unsuccessful, emphasis has been placed on proper crop residue utilization, in conjunction with proper and timely tillage. That is, utilization of all crop residues and their proper distribution and use either on the surface as a mulch or incorporated into the surface soil as to afford maximum resistance to soil and water loss. Special tillage implements and methods such as chiseling, modified moldboard plowing, disc plowing, etc., are used in conjunction with crop residue utilization as to provide a rough, open condition of the soil. These operations are carried on as nearly on the contour as is possible.

12. Land use. This item has been broken down to show actual cover. Orchard and vineyard acres does not occur in this watershed.
13. Crop residue utilization (see contour tillage). This item has been added to the report as it is believed that a report of land use is not complete unless the treatment of that land use is shown. Grain residues left standing over winter or utilized by special tillage in such a manner as to leave a rough, trashy surface, have a very decided effect on soil and water loss. As some progress has been made in cutting down soil and water losses through these methods, acres affected have been reported. Lands on which crop residues are burned are reported, as effects on soil and water loss are contrary to those on which residues are utilized by special tillage methods. Pea residues, when spread and left on the surface of the soil or when incorporated into the surface soil affect soil and water loss. When crop residues are burned on pea land, a surface condition which is very susceptible to erosion results. Acres of deep tillage have been reported as they are supplemental to special tillage methods for residue utilization.

1. The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atomic nucleus.

2. In the second part, the author considers the question of the influence of the structure of the atomic nucleus on the properties of the atomic nucleus.

3. The third part of the paper is devoted to a discussion of the question of the influence of the structure of the atomic nucleus on the properties of the atomic nucleus.

4. The fourth part of the paper is devoted to a discussion of the question of the influence of the structure of the atomic nucleus on the properties of the atomic nucleus.

14. Number of farms under agreement and acres under treatment (including those completed) are not reported as they do not apply in this watershed.
15. Acres pasture contour furrowed, ridged and/or terraced, and acres permanent hay land terraced have not been reported as none of this type of work has been done.
16. Gully control operations figures are accumulative. Diversions have not been used in this area, so not reported.
17. Water development operations. No detention dams or stock ponds have been developed.

